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BULLETIN No. 50

BUREAU OF EDUCATIONAL RESEARCH
COLLEGE OF EDUCATION

LOCATING EDUCATIONAL INFORMATION IN PUBLISHED SOURCES

By

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The Bureau of Educational Research was established by act of the Board of Trustees June 1, 1918. It is the purpose of the Bureau to conduct original investigations in the field of education, to summarize and bring to the attention of school people the results of research elsewhere, and to be of service to the schools of the state in other ways.

The results of original investigations carried on by the Bureau of Educational Research are published in the form of bulletins. A list of available publications is given on the back cover of this bulletin. At the present time five or six original investigations are reported each year. The accounts of research conducted elsewhere and other communications to the school men of the state are published in the form of educational research circulars. From ten to fifteen of these are issued each year.

The Bureau is a department of the College of Education. Its immediate direction is vested in a Director, who is also an instructor in the College of Education. Under his supervision research is carried on by other members of the Bureau staff and also by graduates who are working on theses. From this point of view the Bureau of Educational Research is a research laboratory for the College of Education.

BUREAU OF EDUCATIONAL RESEARCH
College of Education
University of Illinois, Urbana

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PREFACE

In Bulletin No. 42, "Ten Years of Educational Research, 1918-1927," it was pointed out that "quantity production" has been attained in educational research. The task of keeping in touch with an increasing volume of reports of educational research and of other educational writings is made more difficult by the manner in which they are published. As the title of the present bulletin suggests, its preparation was undertaken as a means of rendering assistance to teachers, superintendents, administrators, graduate students, and other persons who desire to locate published information pertaining to a general problem or topic in the field of education. As the work progressed, two difficulties became increasingly apparent.

The difficulty of locating actual and essential information about sources and aids for locating reports of research and other educational writings was much greater than was anticipated. Library practices vary; some periodicals have suspended publication, others have been merged, and still others have been given a new name. Bulletins and yearbook series have been even less stable. Furthermore, the process of change is still going on.

A second difficulty grew out of the necessity of making a selection from the very large mass of information collected in the course of the work on the project. The content of this bulletin represents the judgment of the authors. How well they have succeeded in assembling the more useful information about educational writings will become apparent as the bulletin is used.

In preparing this bulletin, the authors have made use of information assembled by other persons. Specific reference to such sources will be found in the following pages. In addition, helpful suggestions and information have been contributed directly by some persons. Special mention should be made of Miss Mabel R. Hull, a former assistant in the Bureau of Educational Research, who did considerable preliminary work. Miss Ida Tod, library assistant in Philosophy, Psychology, and Education, has assisted in many ways. Acknowledgment of the assistance in connection with the "Bibliography of Bibliographies" is made in Chapter V. Much of the checking and other details of routine were performed by Mrs. Katherine S. Ashley, a member of the staff of the Bureau of Educational Research.

WALTER S. MONROE,
Director

May, 1930.

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LOCATING EDUCATIONAL INFORMATION IN PUBLISHED SOURCES

CHAPTER I

INTRODUCTION

The student of education who desires to make a thorough study of a problem faces the task of locating the published material relating to it. Usually, the compilation of a complete bibliography is no easy undertaking, because, in addition to a multitude of textbooks, well-known periodicals, and monograph, yearbook, and bulletin series, there are a vast number of other publications that are less widely known or distributed. The task is further complicated by the fact that few if any of our educational periodicals restrict the material included in them to a particular phase of education. Furthermore, references pertaining to a given topic are likely to be found in certain periodicals that do not emphasize primarily the subject of education.

Although the card catalog of a library and certain general library aids are helpful in compiling a bibliography, the graduate student in education who attempts research will frequently save much time by making use of bibliographies that have been compiled by others. Some of these bibliographies are to be found in textbooks, monographs, and bulletins as appendices to reports of research or of related writings, but a number have been published separately, either in pamphlet form or as a bibliographical contribution contained in a periodical or other type of publication. Because of the many difficulties that one encounters in locating bibliographies, a student may spend a great deal of time in searching out those related to a given topic. In general, it is undesirable for so much time to be given to this one thing because of the inevitable neglect of other interests that results. It is not an easy matter—this task of locating bibliographies, and for this reason a selected list is published as Chapter V of this bulletin.

Sometimes, possibly frequently, library aids and available bibliographies will not yield all of the references that a student should consult. For this reason, a familiarity with the various types of educational publications is an important asset. The research student should know the names of the more important educational periodicals and the general character of their content. In addition, he should have a knowledge concerning the other types of educational publications, such as annual reports, annual proceedings, yearbooks, bulletins, circulars, monographs, and the like, which may contain information related to the different phases of education.

To find published information on a problem in which a student is interested is a tedious undertaking, though the very nature of the problem may make it necessary for the student to penetrate into the most abstruse sources of material. As the title of this bulletin suggests, it has been prepared as an aid in assisting the research worker in locating information in published sources. Chapter II describes the organization of a library and the general aids for reference work. Chapters III and IV deal with educational periodicals and other types of publications. Because of the limitations of space, the descriptions are brief, but, whenever possible, references are given to sources where more detailed information may be found.

CHAPTER II

THE LIBRARY AND GENERAL AIDS

Classification of books. In most libraries, books are arranged according to subject; that is, all books pertaining to a given subject stand together, and those on related subjects are placed nearby. The *Dewey Decimal Classification*¹ is used in public and college libraries throughout the country. Under this scheme of classification, publications are arranged in ten main groups, which are numbered by hundreds from 000 to 900. The class having the index numbers beginning with 000 includes such general publications as encyclopedias, periodicals, bibliographies, and other works the content of which is too general to be placed in any of the other groups. Each of the ten classes is subdivided into ten smaller divisions, which are in turn further subdivided. The classifications and divisions that are of special interest to educationists are given below :

- 000 GENERAL WORKS
 - 010 Bibliography
 - 030 General cyclopedias
- 100 PHILOSOPHY
 - 150 Psychology
- 300 SOCIAL SCIENCES
 - 310 Statistics
 - 370 Education
 - 371 Teachers, Methods, Discipline
 - 371.1 —Teachers, Teaching personnel, Professors, masters, instructors.
 - 371.17—Pensions and insurance for teachers
 - 371.2 —School organization, administration and supervision, School records
 - 371.26—Marking systems, Educational measurements and tests.
 - 371.27—Examinations: oral, written; Cramming
 - 371.3 —Methods of instruction and study
 - 371.32—Textbooks, Recitations
 - 371.4 —Systems of education
 - 371.42—Educational guidance, Vocational guidance and training
 - 371.44—Pestalozzian
 - 371.5 —Government, Discipline, Authority
 - 371.62—Buildings
 - 371.7 —School hygiene
 - 371.73—Care of the body, Gymnastics, Calisthenics
 - 371.8 —Student life and customs
 - 371.85—Secret societies

¹ Dewey, Melvil. *Dewey Classification and Relative Index for Libraries and Personal Use*. Edition 12, revised and enlarged under direction of Dorcas Fellows, editor. Lake Placid Club, New York: Forest Press, 1927. 1243 p.

- 371.89—Celebrations, Customs, etc.
- 371.9 —Education of special classes
- 372 Elementary education
- 373 Secondary, Preparatory
- 374 Adult education
- 375 Curriculum, Course of study
- 376 Education of women
- 377 Religious, ethical, and secular education
- 378 Colleges and universities
- 379 Public schools, Relation of state to education

The card catalog. The card catalog, which is an index to the library collection, provides a means for finding the call number of a desired publication. One or more cards for every book, pamphlet, and the like, included in the collection is to be found in the catalog. One card is indexed under the author's name; another, under the first word of the title; and, perhaps, a third is listed under the subject treated. The heading for the subject card, which is generally typed in red to distinguish it from the title card, is selected by the cataloger. Publications dealing with several subjects have a card for each.

All cards are usually arranged in a single alphabetical list. Some of the rules observed in filing are helpful to one who is attempting to locate a particular card in a large catalog. One important rule is that with reference to the order of such phrases and words as "class records" and "classroom," "school costs," "schooling," and the like. Short words are not mixed with longer single words that have the same sequence of letters. This rule has also been expressed by reference to the principle, "nothing before something," the space between the words being regarded as "nothing" and the entries being arranged word by word.² By this method of alphabetizing, a word always precedes that same word having a modified ending. For example, "class records" would precede "classroom." The order of the following words and phrases illustrates the most common method of filing:

- New Castle
- New Republic
- New Zealand
- Newberry Library
- News Review
- Newspaper

Hyphenated words are usually arranged as two words. If the compound word is printed as one word (by omitting the hyphen), then the word is counted as one word. Thus, "book-binding" would precede "bookbinding." It is generally agreed to arrange "M" and "Mc" as if spelled "Mac"; "St." and "Ste." as if spelled "Saint" and "Sainte"; and other abbreviations as if spelled in full. The general rule for

² Latshaw, R. N. "A Comparative Study of Some Rules for Alphabetical Arrangement of Entries in Library Catalogs," A thesis submitted for the degree of M.A. in Library Science. Urbana: University of Illinois, 1928. 177 p.

arranging the works of an author is to arrange them alphabetically by the title and chronologically by editions.

There is a wide diversity in practice concerning some details. The arrangement of cards under complex titles is probably the most perplexing problem that the student encounters in using a card catalog. Several leading libraries³ use the *direct form* of subdivision.

U. S. Bureau of Education

U. S. Department of Commerce

The *inverted* form of heading is used by Pittsburgh, Indianapolis, and the University of Illinois.

Pennsylvania—Agriculture, Department of

Pennsylvania—Constitution

The inverted form is also arrived at by a number of libraries⁴ that arrange according to the principal word, as:

U. S. Department of *Agriculture*

U. S. *Children's* Bureau

Standard reference works. There is a number of standard reference works that contain information relative to education. Mudge's *Guide to Reference Books*⁵ describes more than two thousand American and foreign publications. Among the more important ones for the student of education may be mentioned the following:

*American Year Book.*⁶ Each number of this yearbook summarizes for the preceding year the progress made in America in the arts, sciences, social conditions, and humanities. A short section is devoted to education.

*Ayer and Son's Directory of Newspapers and Periodicals.*⁷ This directory lists daily newspapers; daily newspaper rotogravure supplements; Sunday weeklies; coöperative publications; collegiate publications; fraternal organizations; foreign language publications; magazines of general circulation; merchandise outlets; religious publications; and trade, technical, and class publications. Each volume contains an alphabetical index. Pertinent facts are given concerning each publication listed. The 1930 edition lists 22,269 newspapers and periodicals. Publications established within the year 1929 are not included.

*U. S. Office of Education, Educational Directory.*⁸ The purpose of this directory is to give pertinent facts concerning educational institutions and certain persons engaged in educational work. Information

³ For example, Cleveland, Los Angeles, Minnesota, Princeton, and University of Chicago.

⁴ Chicago Public, John Crerar, Ohio, University of Washington, and Wisconsin (except for foreign publications).

⁵ Mudge, I. G. *Guide to Reference Books*, Fifth Edition. Chicago: American Library Association, 1929. 370 p.

⁶ *American Year Book*. New York: D. Appleton and Company, 1911-20; The Macmillan Company, 1926-27; Doubleday, Doran and Company, 1928; American Year Book Corporation, 1929. 1910-19, 1925-date.

⁷ *Ayer and Son's Directory of Newspapers and Periodicals*. Philadelphia: N. W. Ayer and Son, Inc. 1880-date. Annual. Title varies. Absorbed *Rowell's American Newspaper Directory* in 1910.

⁸ *U. S. Office of Education, Educational Directory*. Washington: Government Printing Office. 1912-date. This directory is published each year as Bulletin No. 1.

concerning the following may be found included: principal State school officers; superintendents of public schools in cities and towns; presidents of universities and colleges; American associations—educational, civic, and learned; and educational periodicals.

*Patterson's College and School Directory.*⁹ Included in this publication are a complete list and a description of all American schools, as well as lists of school officials, libraries, national educational associations and societies, and much other information.

*Who's Who in America.*¹⁰ This is a dictionary of contemporary biography that gives the birthplace, age, parentage, education, college or university degrees, occupation, position, achievements, politics, societies, clubs, etc., of noted living personages. Additional sections are: (1) Educational Statistics, (2) Geographical Index, and (3) Educational Announcements.

*Who's Who in American Education.*¹¹ Much the same type of information as is found in *Who's Who in America* is included in this new bibliographical dictionary of eminent living persons in the field of education in the United States. It is of considerable value for becoming acquainted with the leaders in the field of education.

In addition to the reference works cited above, which are published either annually or biennially, there is a large number of others that, although not published regularly each year, may be of considerable worth to the research student. Among these are:

Hurt, H. W. *The College Blue Book.*¹² Included in the second edition of this directory is accurate information in common terminology concerning colleges and universities. It contains an educational atlas by states. Executives, institutions, and subject sections are cross indexed to assist in quick reference.

*Monroe's Cyclopedia of Education.*¹³ This cyclopedia contains signed articles by more than one thousand individual contributors. Many bibliographies and illustrations are given. The cyclopedia is general in its scope and treats of education in all countries and at all periods. The articles are arranged alphabetically. Volume 5 contains analytical indexes. This is a very helpful source of information on many educational topics.

Robertson, D. A. *American Universities and Colleges.*¹⁴ Sections may be found in this publication on (1) Organization of education in

⁹ *Patterson's College and School Directory.* Chicago: American Educational Company. 1904-date. Annual. Title varies.

¹⁰ *Who's Who in America.* Chicago: The A. N. Marquis Company. Vol. 1-date; 1899-date. Biennial.

¹¹ *Who's Who in American Education.* New York: Who's Who in American Education. Vol. 1-date; 1928-date. Annual.

¹² Hurt, H. W. *The College Blue Book.* Hollywood-by-the-Sea, Florida: The College Blue Book. Vol. 1 (1 ed.), 1924; vol. 1 (2 ed.)—2, 1928.

¹³ Monroe, Paul. (Edited by) *Cyclopedia of Education.* New York: The Macmillan Company, 1911-1913. 5 v.

¹⁴ Robertson, D. A. *American Universities and Colleges.* New York: Charles Scribner's Sons, 1928. 884 p.

the United States; (2) Alphabetical list of 398 colleges and universities of the accredited list of the American Council on Education; and (3) Appendices.

Watson, Foster. *Encyclopedia and Dictionary of Education*.¹⁵ Although most useful for the British subjects, this bibliography is of value to others because of its general nature. It includes long articles, brief bibliographies, considerable biography, and excellent illustrations.

Book lists. In December of each year a list of noteworthy publications of the year on teaching, school administration, and educational research is published in *School and Society*. This is a preliminary step in the selection of the "Sixty Educational Books" that are listed in the *Journal of the National Education Association* in March or April of the following year. The list for 1929¹⁶ included over 500 titles classified under: History, Principles, and Philosophy of Education; Administration and Supervision; Reports, General Surveys, and Statistics; Curriculum; Conduct and Character Formation; Educational Psychology; Intelligence Tests and Measurements; Exceptional Children; Educational Research; Teachers and Teaching Methods; Pre-School, Kindergarten, and Elementary Schools; Junior High School; Secondary Education; Reading, Writing, and Languages; School Libraries; Mathematics and Science; Social Studies, Arts, and Music; Vocational; Health and Physical Education; Extra-curricular Activities; Rural Education; Higher Education; and Adult Education.

The list of "Sixty Educational Books"¹⁷ that is selected each year from the complete list of titles of publications in education as issued in *School and Society* is based on a careful examination of all available titles and on the study of several hundred available reviews, supplemented by the opinion of specialists in the different fields of education. The publications are annotated, classified, and alphabetically arranged by subject. Those considered especially useful have been starred.

A list of forty American books¹⁸ is chosen each year by the American Library Association for the International Institute of Intellectual Coöperation of the League of Nations. Brief annotations are supplied by the Cleveland Public Library. Frequently, there are subtended notes from various reviewers or literary magazines. The books are classified under: History, Social Science, Philosophy and Psychology, Belles Lettres and Art, Drama, Religion, Biography, Travel and Social Life, Natural Science, Applied Science, and Law.

Reviews and abstracts. Most educational periodicals maintain a department in which reviews of current books are published. *The Book*

¹⁵ Watson, Foster. *Encyclopedia and Dictionary of Education*. London: Isaac Pitman, 1921-22. 4 v.

¹⁶ Wheeler, J. L. "Educational Books for 1929," *School and Society*, 30:857-873, December 28, 1929.

¹⁷ Wheeler, J. L. "Sixty Educational Books of 1929," *Journal of the National Education Association*, 19:129-132, April, 1930.

¹⁸ American Library Association. "Forty American Books—1928," *Journal of the National Education*, 18:313-14, December, 1929.

*Review Digest*¹⁹ presents abstracts of reviews in sixty-three of the leading English and American periodicals. In addition to giving the exact reference of the review and indicating its length, + or - is added to show the general trend of the reviewer's estimate of the book.

Several educational periodicals are devoted more or less exclusively to abstracts of current literature. Under this list may be included *The Bulletin of the Department of Secondary-School Principals of the National Education Association*, *Psychological Abstracts*, *Social Science Abstracts*, and *Teachers Journal and Abstract*. Several educational periodicals contain departments regularly devoted to abstracts of articles in other current education periodicals. The more important lists of abstracts are to be found in the *Journal of Educational Psychology*, *Journal of Educational Research*, and the *Ohio State University Educational Research Bulletin*. These reviews and abstracts may be of considerable value to the student. They have the advantage of convenience and are usually carefully selected. It is possible through these reviews and abstracts for the student to keep in touch with the most worth while thought and achievement in the field under consideration.

Guides for locating information. Several helpful aids have been established which assist the student in locating information on a given topic. The following may be mentioned:

Education Index. H. W. Wilson Company, New York, the publishers, describe the scope of this aid as follows:

There is one fundamental purpose back of this new index: it would serve as a clearing-house for educational literature. To accomplish this, it will attempt to furnish timely and appropriate references to all the important publications in the field of education.²⁰

This publication indexes monthly for ten months each year periodicals in English, the best educational periodicals in foreign languages, and current books, pamphlets, and documents in education. It describes and analyzes professional books in the field of education. The *Education Index* supersedes the *Loyola Educational Index*²¹ and is more inclusive, containing indexes from over one hundred publications.

Loyola Educational Digest. Monthly for ten months each year, beginning in March, 1924, Loyola University, Chicago, has issued from sixteen to twenty abstracts of important articles bearing on educational problems. Each abstract is printed on a card which is in a form suitable for filing. The original article is carefully reviewed with the exact reference, problem, method of treatment, and findings given. All

¹⁹ *The Book Review Digest.* New York: The H. W. Wilson Company; monthly except July with six months' cumulation in August and bound annual cumulation in February, including fully cumulated subject, title, and pseudonym index. The annuals for 1921 and 1926 include cumulated indexes covering the prior five year periods. In 1905 this publication was known as the *Cumulative Book Review Digest* but has had its present name since 1906.

²⁰ *The Education Index.* New York: H. W. Wilson Company, 1:i, March, 1929.

²¹ *Loyola Educational Index.* Chicago: Loyola University Press. Vol. 1—1928. Bimonthly, 5 nos. Cumulated December, 1928. This cumulation supplants the February to October issues and concludes the publication of the index.

significant articles in about ninety American and British periodicals are given consideration. The abstracts are numbered serially, No. 1240 being the last one for April, 1930.

Poole's Index to Periodical Literature, Revised Edition. Though no longer continued, this pioneer index is still an important aid in locating historical material. It covers a period of 105 years, 1802-1881, with supplements covering the period from 1882 to 1907, and indexes about 599,000 articles in 12,241 volumes of 470 different American and English periodicals. It is a subject index only, having no author index. The publishers were Houghton Mifflin Company, Boston.

Psychological Index. This is an annual bibliography of psychological literature published by the Psychological Review Company, Princeton, New Jersey. It has appeared since 1894, Volume 35 being for 1928. The contents are classified under eleven headings: General; Nervous System; Structure and Function; Sensation and Perception; Feeling and Emotion; Motor Phenomena and Action; Attention, Memory, and Thought; Social Functions of the Individual; Special Mental Conditions; Nervous and Mental Disorders; Mental Development of Man; and Plant and Animal Behavior. An index of authors with numbers corresponding to those numbers assigned references contained in the bibliography is given in the back of each volume.

Public Affairs Information Service, *Bulletin*. The Public Affairs Information Service, New York, issues this weekly index of new books, current periodicals, government documents, and pamphlets in the social, economic, and political sciences. Publications from all English speaking countries are included. Under such topics as Education, Schools, and Teaching are listed the related publications. The references under Education are further classified into a great many subheads. This bulletin first appeared in 1915; its present volume number is 16. The weekly indexes are cumulated bimonthly. The October issue indexes the material for the preceding twelve months.

Readers' Guide to Periodical Literature. The "Reader's Guide" is published monthly by H. W. Wilson Company, New York. There are, in addition, quarterly, semiannual, annual, and triennial cumulations. The seven permanent volumes contain about 975,000 entries in 4,611 volumes of 112 periodicals, and the 1927 issue covers 108 periodicals. It is a modern index and uses complete bibliographical references, frequently entering a reference under title, subject, and author.

Numerous other aids which assist students in locating printed material on educational problems have been issued from time to time in one form or another. They serve as helpful guides to many sources of data, as well as to various supplementary aids in the use of libraries.

Alexander, Carter. *Educational Research*. The suggestions and sources of data included in the second revision of this publication, which was issued from the Bureau of Publication, Teachers College, Columbia

University, New York, the past year, will be helpful and time-saving in almost any field of educational research. The pamphlet is seventy-seven pages in length and "aims to meet urgent needs of most graduate students in education."

American Library Association, College and Reference Section, *College and Reference Library Yearbook*, No. 1. The *First Yearbook* of the College and Reference Section of the American Library Association, Chicago, published in 1929, contains an extensive classified bibliography, records of gifts, agencies, service, and a directory of college and reference libraries.

Hutchins, Margaret, et al., *Guide to the Use of Libraries*. This guide, published in 1922 by H. W. Wilson Company, New York, contains an excellent description of the various supplementary aids to the use of libraries.

Marston, L. R. *Directory of Research in Child Development*. The National Research Council, Washington, issued Marston's directory as No. 76 of the Reprint and Circular Series in 1927. It contains a report of the research in child development that was in progress in March, 1927. In addition to indicating the nature and extent of the research, the directory refers to the individual or organization responsible. Four hundred and twenty-five references to research are given.

Scripture, Elizabeth, and Greer, M. R. *Find It Yourself*. This book, published by H. W. Wilson Company, New York, in 1927, is organized to include seven so-called "blocks" or assignments through which the student becomes familiar with the school library.

Union List of Serials in Libraries of the United States and Canada. For information concerning serial publications and places where they are available, the "Union List of Serials," published by H. W. Wilson Company, New York, in 1927, is a handy source of information. It shows the extent to which more than 75,000 different serials are found in 225 of the most important libraries in the United States and Canada. The list includes magazines that have ceased publication, with pertinent facts concerning each. In all cases the date of the first volume is given, as well as the places of publication and the different names under which the periodical has been issued.

United States Catalog. The four volumes of this catalog, which appeared in 1880, 1899, 1912, and 1928, constitute an extensive author-title-subject index in one alphabet of all American books in print. In addition, a selected list of state documents, Canadian books published in English, and publications of societies and universities are included. The current volume contains 575,000 entries, 190,000 titles, and 3,164 pages. Monthly and semiannual supplements have been issued by the publishers, H. W. Wilson Company, New York. The material presented in both the catalog and in its supplements is topically arranged under educational subject headings.

Voegelein, L. B. *A List of Educational Subject Headings*. The Voegelein list of educational subject headings, published by the Ohio State University Press, Columbus, in 1928, may be found to be of some value in that it furnishes an extensive list of topics with which educational literature is concerned.

Special collections in libraries. In addition to the usual facilities for study, some libraries have special collections that are of great value. In 1912, Johnston and Mudge²² published a list of such collections then in existence. Mention is made of the following organizations and their collections:

The United States Office of Education, Washington, D. C., has a collection of bound volumes of catalogs, reports, etc., of American colleges and universities, representing many institutions of all sizes and varieties and containing many early and scarce issues. This collection is complete for recent years and is being constantly enlarged by current accessions. It now numbers 4,000 volumes. In addition, the Bureau has a collection of textbooks, American and foreign, largely early, which contains numerous scarce publications of interest and value for textbook history. The collection now numbers 10,000 volumes. There is also a number of Confederate textbooks on hand.

The American Antiquarian Society, Worcester, Massachusetts, has a very large collection of catalogs and reports of American colleges. There is also a collection of early American textbooks, numbering about 7,000 volumes.

Purdue University Library, La Fayette, Indiana, has a collection of college and university catalogs and reports properly arranged and listed, numbering about 5,000 pieces.

The State Historical Society of Missouri, Columbia, has a collection of catalogs, reports, histories, etc., of schools and colleges in Missouri to the number of 2,000 publications, including more or less complete sets of 171 different college and school periodicals.

The Columbia University, Teachers College, New York, collection of textbooks numbers 7,501, divided as follows: Elementary textbooks—American 1,715, French 589, German 170. Secondary textbooks—American 1,800, French 229, German 116.

Wadsworth Athenaeum, Hartford, Connecticut, has the collection of textbooks made by Dr. Henry Barnard. This collection, which numbers 4,500 volumes, including 40 editions of the New England Primer, is said to be the best collection of American textbooks published before 1850.

Harvard University, Cambridge, Massachusetts, has a textbook collection representing recent publications, 5,000 in number.

University of Michigan, Ann Arbor, has a collection of schoolbooks, arranged by subjects and chronologically, to illustrate the methods of teaching in different periods. The collection numbers about 1,700 volumes.

²² Johnston, W. D. and Mudge, I. G. "Special Collections in Libraries in the United States," *U. S. Bureau of Education Bulletin*, 1912, No. 23. Washington: Government Printing Office, 1912, p. 80-82.

The Library of Congress, Washington, D. C., has a complete collection of American textbooks published since 1870. These were acquired through the operation of the copyright law.

Since 1912 many libraries have acquired valuable collections. Typical of these later ones may be mentioned the Teachers College, Columbia University collection of courses of study. An effort is being made by the American Library Association in coöperation with the Library of Congress to prepare an exhaustive list of special collections that are to be found in North American libraries. In 1927 a provisional, unedited edition of such a list was published.²³ In addition to repeating many of the collections that were included in the Johnston and Mudge list, this directory adds a great many others; however, it is still far from an exhaustive treatment of the subject. The collections by states are arranged alphabetically by cities, and in a different classification later they are given alphabetically by subjects. A brief discussion by the author of "The Problem of American Research Books and the Effort for its Solution by Library Coöperation" is given as an appendix to this work. Another source of information on special library collections is the Wilson and Rankin Directory.²⁴

An extensive source of material on educational problems is to be found in the library of the U. S. Office of Education. There are approximately 135,000 volumes confined to the one subject of education; it is one of the largest and most complete collections of pedagogical literature to be found. In addition to the collections mentioned on page 17, the library of the Office of Education includes a very extensive and remarkably complete collection of "annual and biennial reports of State superintendents of public instruction, and all official publications of States."²⁵

²³ Richardson, E. C. *An Index Directory to Special Collections in North American Libraries*. Yardley, Pennsylvania: F. S. Cook and Son, 1927. 168 p.

²⁴ Wilson, May and Rankin, R. B. *Special Library Directory*, Second Edition. New York: Special Libraries Association, 1925. 254 p.

²⁵ McCabe, M. R. and Evans, H. R. "The Library of the Office of Education and Some of Its Special Collections," *School Life*, 15:47-49, November, 1929.

CHAPTER III

EDUCATIONAL PERIODICALS

Periodicals distinguished from other serial publications. For the purpose of description, periodicals have been distinguished from bulletin series, yearbooks, and other periodical publications. In some cases the classification of a publication as a bulletin series rather than as a periodical has been arbitrary. In general, however, a periodical is a publication having regular dates of issue and consisting of several departments, such as articles, editorials, educational news, and reviews. Each number includes also a series of articles rather than a single report or discussion. Several publications classed as bulletins have fixed announced dates of issue, but the actual appearance varies from these dates, and the content is not that of a periodical as defined here.

The importance of periodicals as sources. It has been pointed out “. . . that major contributions to educational theory usually appear sooner or later in the form of books, monographs, theses, yearbooks, bulletins, or other reports of a more pretentious nature than magazine articles.”¹ It might be inferred from this statement that periodical literature is of comparatively little consequence as a source of information for research workers. This inference is probably not justified. Some important contributions may escape the attention of authors of “books, monographs, theses, yearbooks, bulletins, or other reports.” Furthermore, many of these publications are obscure and do not become widely known. Even though satisfactory summaries do become available, the student would obviously be considerably delayed if he waited for them. Periodicals, therefore, are a valuable source of information for the research worker.

The periodicals to be consulted. When compiling a bibliography of periodical references, a student may utilize the aids described in the preceding chapter, but frequently he will have occasion to consult periodicals directly. There is a wide variation with respect to the information these publications afford, and, hence, in dealing with a particular problem, a student needs to know the particular periodicals that are most likely to contain articles bearing on his problem. The nature and service of educational periodicals during the nineteenth century has been described by Davis.² This study furnishes a critical comparison of the editorial policies of educational magazines for the period indicated. The research student, however, is usually more interested in periodicals

¹ Good, C. V. “An Analysis of Studies in Educational Theory,” *Educational Administration and Supervision*, 15:525-26, October, 1929.

² Davis, S. E. “Educational Periodicals During the Nineteenth Century,” *U. S. Bureau of Education Bulletin*, 1919, No. 28. Washington: Government Printing Office, 1919. 125 p.

during the period since 1900. The list appended to this chapter is designed to assist him in locating those that should be consulted with reference to a particular problem.

Certain periodicals are frequently considered of major importance with reference to the reports of research they afford. The following would probably be mentioned as valuable by most competent persons: *Elementary School Journal*, *Journal of Educational Psychology*, *Journal of Educational Research*, *School Review*, *School and Society*, and *Teachers College Record*. Reports of important investigations and other significant articles appear in other periodicals. A student should not assume that he has covered the field of his problem until he has canvassed a much larger number of publications. For a particular problem it is usually possible to compile a list of the periodicals that are likely to contain pertinent articles, but if the investigator desires to secure a complete bibliography for his problem, he should not make this list too restricted. Occasionally an important article appears in a relatively unimportant periodical or even in one that in general is restricted to another field, and for this reason it is essential that consideration be given to these less closely related sources.

Professional magazines for teachers of special subjects. There is a number of professional journals designed for teachers of special subjects or subject groups. These publications frequently include reports of research and, perhaps, furnish one of the best available sources of information for students who are interested in specialized fields. Following are some of the leading periodicals³ of this type:

- American Cookery. Boston, Massachusetts.
- American Shorthand Teacher. New York City.
- American Speech. Baltimore, Maryland.
- Business Educator. Columbus, Ohio.
- Classical Journal. Iowa City, Iowa.
- Elementary English Review.* Detroit, Michigan.
- English Journal.* Chicago, Illinois.
- Historical Outlook.* Philadelphia, Pennsylvania.
- Industrial Arts Magazine.* Milwaukee, Wisconsin.
- Industrial Educational Magazine.* Peoria, Illinois.
- Journal of Business Education. New York.
- Journal of Chemical Education.* Easton, Pennsylvania.
- Journal of Engineering Education.* Lancaster, Pennsylvania.
- Journal of Geography. Mankato, Minnesota.
- Journal of Health and Physical Education. Ann Arbor, Michigan.
- Journal of Physical Education. New York City.
- Mathematics Teacher. New York City.
- Modern Language Journal.* Oxford, Ohio.
- Music Supervisors Journal.* Ithaca, New York.
- Printing Education. Washington, D. C.

³ Those marked with an asterisk are included in the list appended to this chapter.

A classified list of periodicals devoted to special subjects is found in:

National Education Association, The Committee on Standards of the Educational Press Association of America. *Classified List of Educational Periodicals*. Washington: National Education Association, 1930. 15 p.

School Music. Keokuk, Iowa.
 School Science and Mathematics.* Chicago, Illinois.
 Science.* New York City.
 Science Education.* Salem, Massachusetts.
 Vocational Guidance Magazine.* Cambridge, Massachusetts.

Educational periodicals that have ceased publication. The student of the history of education will find the early educational periodicals a bountiful source of worth while information. Many of these earlier publications were issued for several years, while many others were able to survive for only a few years. A list of 160 educational periodicals founded between 1811 and 1867, with place of publication and first editor, is given in the *American Journal of Education* for 1882.⁴ Practically all of these periodicals have been discontinued or have been merged with some other publications. In a few cases the name has been changed. Davis, in a bulletin⁵ published by the U. S. Bureau of Education in 1919, presents to the research student a comprehensive account of the educational periodicals during the nineteenth century. The following is quoted from the Introduction of the bulletin:

This study includes consideration of periodicals for the promotion of public-school education, those which deal with the history or scientific study of education, or the technique of schoolroom work, improvement of teachers and general school news. . . . The principal source of information, fully indicated in the bibliography, has been the periodicals themselves, of which about 1,400 volumes have been examined, two-thirds of this number being studied in detail. . . . As a rule, in general references to a periodical as a series, only the date of its origin is given in the text; by means of the chronological list at the close of the study any publication may be more fully identified.

The bibliography contained in the bulletin cited above is classified under the following heads: General List of Educational Periodicals; Local (State) School Journals; Educational Journals Devoted to Various Special Interests; Educational Periodicals Devoted to Higher Education or Studies of Educational Problems; Other Periodicals; Laws, Official Reports, and Proceedings of Teachers' Organizations; Press Directories; and Miscellaneous References.

For information concerning periodicals that have ceased publication or that have been absorbed by other publications or whose names have been changed, the student is referred to the *Union List of Serials in the Libraries of the United States*.⁶ This publication may be found in most libraries.

A selected list of the more important publications that have either ceased publication or whose names have been changed is given below:

Academy. Syracuse, New York—continued as *School and College*
 which was continued as *School Review*.

⁴ Barnard, Henry (Edited by). Progressive Development of Schools and Other Institutions of Public Instruction, *American Journal of Education*, 32:944-45, 1882.

⁵ Davis, S. E. "Educational Periodicals During the Nineteenth Century," *U. S. Bureau of Education Bulletin*, 1919, No. 28. Washington: Government Printing Office, 1919. 125 p.

⁶ The *Union List of Serials in the Libraries of the United States* is described on page 16.

- American Educational Digest. New York—changed to *School Executives' Magazine*.
- American Journal of Education. Boston, Massachusetts.
- American Journal of Education. Hartford, Connecticut.
- American Physical Education Review—continued as *Journal of Health and Physical Education*.
- American School. Milwaukee, Wisconsin.
- Applied Arts Book. Worcester, Massachusetts—changed to *School Arts Book*.
- Child Labor Bulletin. New York—continued as *American Child*.
- Eastern Ohio Teacher. Cambridge—changed to *Ohio Teacher*.
- Educational Digest. Lincoln, Nebraska—changed to *American Educational Digest*.
- Educational Review. New York—merged with *School and Society*.
- Educational Weekly. Chicago, Illinois—continued as *Present Age*, which has ceased publication.
- Elementary School Teacher. Chicago, Illinois—changed to *Elementary School Journal*.
- General Science Quarterly. Salem, Massachusetts—changed to *Science Education*.
- National School Digest—changed to *Educational Digest*.
- Popular Educator. Boston, Massachusetts—combined with *Primary Education* to form *Grade Teacher*.
- Primary Education. Boston, Massachusetts—combined with *Popular Educator* to form *Grade Teacher*.
- School Arts Book. Worcester, Massachusetts—changed to *School Arts Magazine*.
- School Education—continued as *National School Digest*.
- School Music Monthly. Keokuk, Iowa—changed to *School Music*.
- Southwestern School Journal. Nashville, Tennessee—changed to the *Progressive Teacher and Southwestern Schools Journal*.
- Tennessee School Journal. Nashville, Tennessee—changed to *Southwestern Schools Journal*.
- Visual Education. Chicago, Illinois—merged into *Educational Screen*.

Educational periodicals published by universities and colleges.⁷

The educational journals issued by teacher-training institutions constitute a valuable source of educational information. Such publications as *Teachers College Record*, *School Review*, and *Elementary School Journal* are national in scope and may be ranked among the leading magazines in their field. A great many educational institutions publish journals that are more or less local in their appeal but which, in many cases, contain material of value to the student. The following list⁸ includes the more important magazines of this type:

- American Schoolmaster.* State Normal College, Ypsilanti, Michigan.
- Bulletin of the Bureau of School Service. University of Kentucky, Lexington.
- Bulletin of Education. Bureau of School Service and Research, University of Kansas, Lawrence.
- Bulletin of the School of Education. Bureau of Coöperative Research, Indiana University, Bloomington.
- Catholic Educational Review.* Catholic University of America, Washington, D. C.

⁷ A number of universities and colleges publish reports of educational research in bulletin and monograph form. See pages 46 and 47.

⁸ Those marked with an asterisk are included in the list appended to this chapter.

- Coöperative School Bulletin. Butler and Auburn Colleges, Butler, Indiana.
- Educational Outlook. School of Education, University of Pennsylvania, Philadelphia.
- Educational Research Bulletin.* Bureau of Educational Research, Ohio State University, Columbus.
- Educational Research Record. Extension Division, University of Nebraska, Lincoln.
- Elementary School Journal.* School of Education, University of Chicago, Chicago, Illinois.
- Genetic Psychology Monographs.* Clark University, Worcester, Massachusetts.
- High School.* School of Education, University of Oregon, Eugene.
- High School Journal.* School of Education, University of North Carolina, Chapel Hill.
- Journal of Higher Education.* Ohio State University, Columbus.
- Kentucky High School Quarterly. School of Education, University of Kentucky, Lexington.
- Peabody Journal of Education.* George Peabody College for Teachers, Nashville, Tennessee.
- Pedagogical Seminary and Journal of Genetic Psychology.* Clark University, Worcester, Massachusetts.
- Penn State Educator. School of Education, State College, Pennsylvania.
- Quarterly Journal of the University of North Dakota, Grand Forks.
- Rural School Messenger. Northeast Missouri State Teachers College, Kirksville.
- School of Education Record. University of North Dakota, Grand Forks.
- School Progress. State Teachers College, Mankato, Minnesota.
- School Review.* University of Chicago, Chicago, Illinois.
- Teaching. Kansas State Teachers College, Emporia.
- Teachers College Record.* Teachers College, Columbia University, New York.
- Teachers Journal and Abstract.* Colorado State Teachers College, Greeley.
- University of Missouri Bulletin. University of Missouri, Columbia.
- University of Pittsburgh School of Education Journal.* University of Pittsburgh, Pittsburgh, Pennsylvania.
- Virginia Teacher. State Teachers College, Harrisonburg.
- Vocational Guidance Magazine.* Bureau of Vocational Guidance, Harvard University, Cambridge, Massachusetts.

Periodicals containing occasional articles related to education.

There is a number of periodicals in fields closely related to education that frequently contain articles of special interest to students of education. The following are representative of such publications: *Libraries*, Chicago; *Library Journal*, New York; *Mind and Body*, New Ulm, Minnesota; *Playground*, New York; *American Journal of Public Health*, Boston; *The American Child*, New York; *Christian Education*, New York.

There is also a group of periodicals of a semipopular nature that contain occasional articles of educational interest. These articles, which

are usually contributed by men of prominence, are generally discussions of a philosophical nature.⁹

Selected list of educational periodicals. The following list of educational periodicals is intended to include those that are most important for the research worker. The plan of description is (1) name of periodical, (2) place of publication, (3) publisher, (4) frequency of publication, (5) date of first volume, (6) number of current volume or number and date of last volume published, (7) editor or chairman of editorial board. These items are followed by an indication of the phase of education to which the periodical is devoted and of the general nature of the articles published. Cross references are inserted for periodicals whose names have been changed.

The list does not include (1) yearbooks or other annual publications, (2) serial publications of colleges and universities, except in a few cases in which the publication is obviously a periodical rather than a series of bulletins that are published in serial form in order to secure second-class mailing privileges. These classes of publications are described in Chapter IV.

Academy, The. Syracuse, New York: Associated Academic Principals of the State of New York. Monthly, 10 nos. Vol. 1—1886; vol. 7—1892. Editor: G. A. Bacon. Continued as *School and College*, which was continued as *School Review*.

Special problems in the field of secondary education received discussion in this publication. As an early periodical of secondary education, this serial has considerable value.

Adult Education and the Library. Chicago, Illinois: American Library Association. Monthly, 8 nos. Vol. 1—1924; vol. 6—1929. Editor: F. K. W. Drury.

Contains suggestions as to how the library may function in adult education. Library ventures in adult education are described, and reading courses are outlined.

American Annals of Education. (Vol. 1-4 and ns vol. 1 nos. 1-5 as *American Journal of Education*; ns vol. 1 nos. 6-9 as *American Journal and Annals of Education and Instruction*). Boston, Massachusetts: Otis, Broaders and Company. Monthly. s1 vol. 1—1826; s3 vol. 9, 1838. Editor: M. F. Hubbard. Absorbed *Education Reporter*.

The purposes of this journal as stated in the first volume were: to furnish a record of facts concerning the state of education in the United States and in foreign countries; to aid the instruction of the female sex; to direct special effort toward elementary education. Physical, moral, and "domestic" education are given particular attention. Training of teachers is considered. Later, series of articles were devoted to the progress of the Lyceum, and to various subjects of general knowledge and practical science.

American Child, The. New York: National Child Labor Committee. Monthly. Vol. 1—1919; vol. 11—1929. Editor: G. F. Zimand. Superseded *Child Labor Bulletin*, which continued *National Child Labor Committee Proceedings*.

⁹In this list may be included *Century Illustrated Monthly Magazine*, New York; *Forum*, New York; *National Geographic Magazine*, Washington; *Survey-Graphic*, New York; *Scribners Magazine*, New York; *World's Work*, New York; and *Atlantic Monthly*, Boston.

Official organ of the National Child Labor Committee. Deals especially with conditions of poor children and suggests improvements. Legislative activities concerning child labor are described.

American College, The. New York: The Higher Education Association. Monthly. Vol. 1—1909; vol. 2 no. 5—1910. Editor: C. F. Birdseye.

Most of the articles contained in this periodical are theoretical in nature. In addition to the items of news which are given, references are made to important articles which appeared in other publications.

American Education (Vol. 1-4 as *New York Education*). Albany, New York: New York Education Company. Monthly, 10 nos. Vol. 1—1897; vol. 32—1928. Editors: H. M. Pollock and C. W. Blessing. Now combined with *Education*.

American Educational Digest. See: *School Executives Magazine*.

American Educational Review (Vol. 1-27 no. 3 as *Western College Magazine*). Chicago, Illinois: American Educational Company. Monthly. Vol. 1—1879; vol. 36—1915. Editor: H. L. Patterson.

This gives a monthly review of the progress of higher education. Discussions of problems of college and university teaching and administration are included in each issue, together with a "readers' index"—a guide to leading articles and books of the month—and news of notable events in higher education.

American Journal and Annals of Education and Instruction. See: *American Annals of Education*.

American Journal of Education. Hartford, Connecticut. Henry Barnard. Quarterly, irreg. Vol. 1—1855; vol. 32—1882. Editor: Henry Barnard.

This journal constitutes a comprehensive survey of the educational conditions which existed during the years of its publication. It is considered to be the best available reference on all educational topics for the greater part of the nineteenth century. Henry Barnard, the first Commissioner of Education, published his reports in this journal.

American Journal of Education. See: *American Annals of Education*.

American Journal of Education and College Review, The. New York: Calkins and Stiles. Monthly. Vol. 1—1855; vol. 3—1857. Editors: Absalom Peters, *et al.*

This educational periodical was designed to be national and American in its scope. It served as a medium for free discussion of all departments and grades of education. Topics related to the educational conditions of the time make this publication of considerable value.

American Mathematical Monthly. Menasha, Wisconsin: The Mathematical Association of America. Monthly, 10 nos. Vol. 1—1894; vol. 37—1930. Editors: W. H. Bussey, *et al.*

This is a journal for teachers of mathematics in the collegiate and advanced secondary fields. Contained in the publication, in addition to discussions and solutions of higher mathematics, are reports of the meetings of the association, reports of sectional meetings, questions and discussions, reviews of books, notes and news, and a directory. The index to each volume shows careful classification of all facts.

American Physical Education Review. Springfield, Massachusetts: American Physical Education Association. Monthly, 10 nos. Vol. 1—1896; vol. 34—1929. Editor: J. H. McCurdy. Continued as *The Journal of Health and Physical Education*.

Contains minutes of the meetings of the National Council of the American Physical Education Association, papers from conferences of institutions giving professional training in physical education, reports of studies in field of

physical education, practical hints to teachers from the elementary grades to the college level inclusive, and discussions of the subject at all levels. Reports of the meetings of the Athletic Research Society are also included.

American Quarterly Register (Vol. 1 no. 1—7 as *The Quarterly Journal of the American Education*; vol. 1, no. 7—vol. 3 as *The Quarterly Register and Journal of the American Education Society*; vol. 3—4 as *Quarterly Register of the American Education Society*). Boston, Massachusetts: American Education Society. Quarterly. Vol. 1—1827; vol. 15—1843. Editors: S. H. Riddell and B. B. Edwards.

Includes reports of meetings of the American Education Society, original communications, addresses, and occasional extracts upon subjects related to the educational conditions of the time. Literary notices and facts intended to promote Christianity received much treatment. This publication is of tremendous value from the standpoint of history.

American Review. See: *School and Home Education*.

American School, The. Milwaukee, Wisconsin: The American School Publishing Company. Monthly. Vol. 1—1915; vol. 9—1923. Editors: C. G. Pearse and J. W. Searson.

"A national journal for those who organize, administer, and supervise American education," at all levels. In addition to articles of theoretical nature treating administrative problems of the schools, there are reports of outstanding individual schools. News items and reviews of noteworthy articles and books are included.

American Schoolmaster. (Vol. 1-6 as *Western Journal of Education*). Ypsilanti, Michigan: State Normal College. Monthly, 9 nos. Vol. 1—1908; vol. 23—1930. Editor: Charles McKenny.

This magazine appears to be national in its scope. It does not confine itself to any particular level but discusses matters of general interest in the field of education both in the United States and abroad. Special features of interest are the reviews, discussions, and college notes. The contributions are chiefly from the editorial board and from the faculty of the Michigan State Normal College.

American School Board Journal. Milwaukee, Wisconsin: The Bruce Publishing Company. Monthly. Vol. 1—1891; vol. 80—1930. Editors: W. G. Bruce and W. C. Bruce.

This comprehensive journal treats of every phase of school administration in the elementary and high school. Some attention is given to colleges, chiefly in the illustrated school building section, to which a large part of each number is devoted. Each issue also contains, in addition to general discussions of school administration problems, sections devoted to: school law, new rules and regulations, school-board news, school finance and building, school administration, Chicago and Washington correspondence, book news and reviews, and the like.

Applied Arts Book, The. See: *School Arts Magazine*.

Archives of Psychology. New York: Archives of Psychology. Irreg. No. 1—1906; no. 110—1929. Editor: R. S. Woodworth.

Each number of the publication is a single experimental study. For the information of those interested in the field of psychology, a list of the available numbers is carried in each issue.

Arts and Crafts Magazine. See: *Industrial Arts Magazine*.

Association of American Colleges, Bulletin. New York: Association of American Colleges. Quarterly. Vol. 1—1915; vol. 16—1930. Editorial Committee.

Includes the proceedings of the Association.

Baltimore Bulletin of Education. Baltimore, Maryland: Bureau of Research, Board of Education. Monthly, 9 nos. Vol. 1—1923; vol. 8—1930. Editor: J. L. Stenquist.

This is a journal of the public schools of Baltimore. The contributors are usually from the city schools. Each number is devoted to some general phase of the school work of the city. Some of the topics that have received attention are: "Baltimore's Junior High Schools," "The School Principalship," and "The Course of Study and Drill in the Modern Classroom."

Bulletin of High Points. New York: Board of Education. Monthly, 10 nos. Vol. 1—1919; vol. 12—1930. Editor: L. A. Wilkins.

Articles deal with subjects of scholarly and pedagogical interest, both theoretical and experimental, and are contributed by high-school teachers, supervisors, and administrators in the schools of New York City.

Bulletin of the National Vocational Guidance Association. See: *Vocational Guidance Magazine.*

Bulletin of the Society for the Promotion of Engineering Education. See: *The Journal of Engineering Education.*

Catholic Educational Review, The. Washington, D. C.: Catholic Education Press. Monthly, 10 nos. Vol. 1—1911; vol. 28—1930. Editors: E. A. Pace and T. E. Shields.

In addition to lessons on the teaching of religion in Catholic schools and articles on administration of such schools, much material of value to teachers in general, whether in elementary, secondary, or higher institutions is presented. Many articles are devoted to the psychology of the child and to child welfare. Special departments include Educational Notes, Reviews and Notices, and Books Received.

Chicago Schools Journal. Chicago, Illinois: Chicago Normal College. Monthly, 10 nos. Vol. 1—1918; vol. 12—1930. Editor: Butler Laughlin. Superseded *Educational Bi-monthly.*

Many of the contributions and articles published in this periodical are of more than local educational interest. This journal is one of the best of those published by a board of education. It contains, in addition to feature contributions, reviews and general educational news.

Child Labor Bulletin. See: *The American Child.*

Child Study. New York: Child Study Association of America, Inc. Monthly, 10 nos. Vol. 1—1923; vol. 7—1930. Editorial Committee.

Contains practical helps on child study problems. Sections on News and Notes, Book Reviews, and Parents' Questions are included in each issue. Two new departments were added with the publication of the first number of Volume 7, one on children's recreations, and one on current research in child development and parental education. Each issue is devoted to one special topic.

Child Welfare (Vol. 1-4 no. 3 as *National Congress of Mothers Magazine*). Philadelphia, Pennsylvania: Child Welfare Company. Monthly, 10 nos.; bimonthly, 1 no. Vol. 1—1906; vol. 24—1930. Editor: Martha Sprague Mason.

This is the official publication of the National Congress of Parents and Teachers, among whose aims are: to raise the standards of home life; to bring into closer relation the home and school; to promote the establishment of kindergartens and of laws which will adequately care for neglected and dependent children; to rouse the whole country to a sense of its duty and responsibility to childhood. News of work done in schools and clubs, etc., reports of Parent-Teacher associations, and general discussions of child welfare are included.

Christian County News. See: *School News and Practical Education.*

Church School. See: *International Journal of Religious Education.*

College Courant. See: *Journal of Education.*

Common School Journal, The. Boston, Massachusetts: Marsh, Capen, Lyon and Webb. Vol. 1—1838; vol. 14—1852. Semimonthly. Editor: W. B. Towle.

This magazine considers all phases of the school, discussing the methods used, poetry, announcements of meetings, and advertisements. The editorials frequently refer to conditions observed in Europe.

Connecticut School Journal. See: *Journal of Education.*

Course of Study, The. See: *Elementary School Journal.*

Detroit Educational Bulletin. Detroit, Michigan: Bureau of Statistics and Publications, Board of Education. Monthly, 10 nos.; and special research numbers. Vol. 1—1917; vol. 13—1930. Editor: H. J. Kaufmann.

Students of education will find the special research numbers of the bulletin of value. While this periodical is published for the teachers of Detroit, it contains many contributions of interest to outsiders.

Education. Boston, Massachusetts: The Palmer Company. Monthly, 10 nos. Vol. 1—1880; vol. 50—1930. Editor: F. H. Palmer. Combined with *American Education.*

"An international magazine devoted to the science, art, philosophy, and literature of education." Devoted exclusively to higher education and to the philosophy that underlies all educational methods. Reviews the best educational thought and opinion of the times. Aims to aid all school and college officials and teachers in solving their daily problems. Consists of theoretical treatments of methods of teaching and administration.

Education Reporter. See: *American Annals of Education.*

Educational Administration and Supervision, including Teacher Training, Baltimore, Maryland: Warwick and York, Inc. Monthly, 9 nos. Vol. 1—1915; vol. 16—1930. Editors: W. C. Bagley, B. H. Bode, T. H. Briggs, and L. D. Coffman.

Intended to fill the need for an educational journal "devoted wholly to the thorough-going treatment of the multiplying numbers of problems distinctly administrative and supervisory in character," and to distribute the evaluated results of technical studies in this general field. The fields covered include elementary, secondary, and higher education; state and county systems of education, including rural education, and also educational legislation; city-school systems; and vocational education and school extension.

Educational Bi-monthly. See: *Chicago School Journal.*

Educational Digest. See: *School Executives Magazine.*

Educational Method (Vol. 1-8 no. 2 as *Journal of Educational Method*). New York: Bureau of Publications, Teachers College, Columbia University. Monthly, 9 nos. Vol. 1—1921; vol. 9—1930. Editor: J. F. Hasic.

This magazine is published for the officers, directors, and members of the Department of Supervisors and Directors of Instruction. In it are included discussions of principles and carefully reported results of educational experimentation and experience in the field. Special attention is given to the project method, particularly in elementary education. The contributors include principals and supervisors of elementary and secondary schools, directors of training schools, instructors in teachers colleges, and university professors.

Educational News Gleaner. See: *School and Home Education.*

Education Record, The. Washington D. C.: The American Council on Education. Quarterly. Vol. 1—1920; vol. 11—1930. Editor: C. R. Mann.

This publication gives the history of the achievements of the American Council on Education, the purpose of which is to promote and carry out coöperative action in matters of common interest to the educational associations and to the institutions composing these associations. Contributions, chiefly from members of higher institutions, include reports and theoretical discussions of related problems.

Educational Research Bulletin. Columbus, Ohio: Bureau of Educational Research, Ohio State University. Fortnightly, 17 nos. Vol. 1—1922; vol. 9—1930. Editor: W. W. Charters.

This bulletin is made up of reports of research carried on in the Bureau of Research, Ohio State University. Programs of the annual Ohio State Education Conferences are included. Under the heading "Educational Readings," references are made to useful research material contained in current education periodicals and books.

Educational Review. Garden City, New York: Doubleday, Doran and Company. Monthly, 10 nos. Vol. 1—1891; vol. 75—1928. Editor: William McAndrew. Combined with *School and Society.*

This periodical, national in scope, contains articles dealing with educational problems at all levels, reports of studies carried on, unusually interesting book reviews, and news from the secretary of the Department of Superintendence of the National Education Association.

Educational Screen, The. Chicago, Illinois: The Educational Screen, Inc. Monthly, 10 nos. Vol. 1—1922; vol. 9—1930. Editor: N. L. Greene. Absorbed *Visual Education.*

This periodical gives each month a digest of writings on visual education, a survey of significant visual activities along educational lines, and articles of theory, opinion, and experience. Contributors are authorities in their particular fields. Critical reviews of the best films produced are presented in each issue.

Educational Weekly. See: *Journal of Education.*

Educational Weekly. Chicago, Illinois: S. R. Winchell and Company. Weekly, 40 nos. Vol. 1—1877; vol. 8—1881. Editors: S. R. Winchell and Jeremiah Mahony. Continued as *Present Age.*

This weekly resulted from the union of seven state journals from six states—Wisconsin, Michigan, Illinois, Indiana, Kentucky, and Nebraska. Its objects were "to advance education in every state; to encourage and help schools and institutions of learning of every grade; to urge the extension of every agency that enlightened experience has approved as useful in education work. . . ." It includes educational news from different states, brief discussions of local school policies, and practical hints and exercises in teaching.

Elementary English Review. Detroit, Michigan: Elementary English Review. Monthly, 10 nos. Vol. 1—1924; vol. 7—1930. Editor: C. C. Certain.

This periodical is one of the official organs of the National Council of Teachers of English. Practical assistance is given upon all phases of elementary-school English. Articles are presented which bear upon written compositions, oral compositions, spelling and phonics, silent reading, oral reading, dramatics and marionettes, and libraries. Among the regular departments of the magazine are those of Reviews and Abstracts, Among the Publishers, and Editorials.

Elementary School Journal (Vol. 1 as *The Course of Study*; vol. 2-14 as *Elementary School Teacher*). Chicago, Illinois: School of Education, University of Chicago. Monthly, 10 nos. Vol. 1—1900; vol. 30—1930. Edited by the faculty of the School of Education of the University of Chicago.

During the early period of its history, this journal was composed largely of material intended to influence directly the practice of the classroom teacher. Later, problems of general organization and administration of the elementary school were also taken up. Reports of experiments in classroom methods are included with theoretical discussions. Much of the material presented issues directly from the laboratory schools of the University of Chicago. Contributors include faculty members of the University of Chicago and administrators, supervisors, and teachers of public schools.

Elementary School Teacher. See: *Elementary School Journal*.

Engineering Education. See: *Journal of Engineering Education*.

English Journal, The. Chicago, Illinois: The University of Chicago Press. Monthly, 10 nos. Vol. 1—1912; vol. 19—1930. Editor: W. W. Hatfield.

This journal is one of the official organs of the National Council of Teachers of English. Since January, 1928, a college edition of this magazine has been published in which are included articles and discussions particularly related to the teaching of English in college. The regular edition seems to place emphasis upon the secondary school.

General Science Quarterly. See: *Science Education*.

Genetic Psychology Monographs. Worcester, Massachusetts: Clark University Press. Monthly. Vol. 1—1926; vol. 7—1930. Editor: Carl Murchison.

Devoted to child behavior, differential and genetic psychology. Each number is a report of a single study.

Grade Teacher, The. (Vol. 1-34 no. 5 as *Primary Education*; vol. 44-46 no. 7 as *Primary Education-Popular Educator*). Boston: Educational Publishing Corporation. Monthly, 10 nos. Vol. 1—1885; vol. 47—1929. Editor: Florence Hale. Combined with *Popular Educator*, 1926, continuing the volume numbering of *Popular Educator*.

The scope and field of this magazine are indicated by the title. It is a professional magazine for classroom teachers of all elementary grades. Very helpful to the student of elementary education.

Handicraft. See: *Industrial Arts Magazine*.

High School, The. Eugene: School of Education, University of Oregon. Quarterly. Vol. 1—1923; vol. 7—1930. Editor: N. L. Bossing.

Published in the interests of secondary education in Oregon and in the Northwest. Contributions are mainly from the faculty of the University of Oregon and the University High School.

High School Journal. Chapel Hill: School of Education, University of North Carolina. Monthly, 8 nos. Vol. 1—1918; vol. 13—1930. Editor: N. W. Walker. Supersedes *North Carolina High School Bulletin*.

Devoted primarily to the securing of better high-school teaching and the betterment of high-school organization and administration in North Carolina and the South. Theoretical discussions and criticisms of high-school teaching and administration predominate. News items from North Carolina schools as well as notices of especially significant educational events throughout the country are included. Articles are contributed by superintendents, high-school principals and teachers, and others engaged in educational work in North Carolina and elsewhere.

High School Quarterly, The. Athens: University of Georgia. Quarterly. Vol. 1—1912; vol. 18—1930. Editor: J. S. Stewart.

Official organ of the Southern Commission on Accredited Schools, of the Georgia High School Association, and of the National High School Inspectors Association. Discussions of supervisory and administrative problems, reports of committees, and minutes of meetings of the southern educational associations comprise most of the material in this quarterly.

Historical Outlook. (Vol. 1-9 no. 6 as *History Teacher's Magazine*). Philadelphia, Pennsylvania: McKinley Publishing Company. Monthly, 8 nos. Vol. 1—1909; vol. 21—1930. Editors: A. E. McKinley, *et al.*

The official organ for The National Council for Social Studies. Contains detailed articles upon the teaching of history at the elementary, secondary, and college levels, proceedings of associations, reports of recent happenings in the social studies, and reviews of historical books and articles. "A journal for readers and teachers of history and the social studies."

History Teacher's Magazine. See: *The Historical Outlook.*

Illinois School Journal. See: *School and Home Education.*

Illustrated Phonographic World. See: *Journal of Commercial Education.*

Industrial Arts Magazine. Milwaukee, Wisconsin: Bruce Publishing Company. Monthly. Vol. 1—1914; vol. 19—1930. Editor: J. J. Metz. Merger of *Handicraft* and *Arts and Crafts Magazine.*

This magazine contains reports of school shop activities, descriptions of shop projects, and a page of questions and answers.

Industrial Education Magazine. (Vol. 1-15 as *Manual Training Magazine*; vol. 16-17 as *Manual Training and Vocational Education*; vol. 18-23 as *Manual Training Magazine*). Peoria, Illinois: Manual Arts Press. Monthly. Vol. 1—1899; vol. 31—1930. Editors: C. A. Bennett and W. T. Bawden. Absorbed *Vocational Education.*

As the name indicates, this magazine is devoted to all phases of industrial education. It is national in its scope and has departments on farm mechanics, shop mechanics, printing, metal work, woodworking, current publications, and field notes. This publication was first issued as a quarterly, later as a bimonthly.

International Journal of Religious Education. Chicago, Illinois: International Council of Religious Education. Monthly, 11 nos. Vol. 1—1924; vol. 6—1930. Editor: P. H. Vieth. Continues *Church School.*

This journal is the official organ of the International Council of Religious Education, which is the accrediting agency of thirty-six protestant denominations and fifty-six state and provincial councils of religious education in the United States and Canada. It contains contributions from prominent authorities on religious education in North America.

Journal of Adult Education. New York: American Association for Adult Education. Quarterly. Vol. 1—1929; vol. 2—1930. Editors: M. A. Cartwright and M. L. Ely.

Devoted to the treatment of recent tendencies, needs, methods, and research in the field of adult education.

Journal of Applied Psychology. Athens, Ohio: Ohio University. Bimonthly. Vol. 1—1917; vol. 14—1930. Editors: J. P. Porter, *et al.*

The purpose of this journal is to present practical applications of psychology to the acts and to the occupations of human life. Since technical descriptions of apparatus and methods are largely avoided, much of the material is of use to the college administrator, employers, legislators, and

others who are not specialists in psychology. Fields dealt with include: the application of psychology to vocational activities; studies of individual mentalities, such as types of character, genius, and individual differences; the influence of general environmental conditions, such as climate, nutrition, and fatigue; and the psychology of every day activities, such as reading, speaking, and writing. Those mental tests dealing with purely educational problems or abnormal minds do not as a rule fall within the scope of the journal. Articles are contributed chiefly by psychologists from various colleges and universities, and by directors of psychological laboratories.

Journal of Chemical Education. Easton, Pennsylvania: Division of Chemical Education of The American Chemical Society. Monthly. Vol. 1—1924; vol. 7—1930. Editor: N. E. Gordon.

This journal, devoted to the interests of high-school and college chemistry teachers, contains articles on objectives and methods of teaching, projects in chemistry, descriptions of apparatus, and reports of meetings of the American Chemical Society.

Journal of Commercial Education (Vol. 1-8 as *Phonographic World*; vol. 9-14 as *Illustrated Phonographic World*; vol. 15-32 as *Typewriter and Phonographic World*; vol. 33-38 and vol. 40 no. 2—vol. 42 no. 2 as *Phonographic World and Commercial School Review*; vol. 39-40 no. 1 as *Typewriter World*; vol. 42 no. 3-51 as *Stenographic and Phonographic World*). New York City: Haire Publishing Company. Monthly, 10 nos. Vol. 1—1885; vol. 88—1929. Editor: E. W. Barnhart. Now *Journal of Business Education*.

This publication will be of value to students of education who are interested in the history and status of commercial training in schools.

Journal of Delinquency. See: *Journal of Juvenile Research*.

Journal of Education (Vol. 1-10 as *New England Journal of Education*). Boston, Massachusetts: New England Publishing Company. Weekly. Vol. 1—1875; vol. 111—1930. Editors: A. E. Winship and A. W. Belding. *Maine Journal of Education, Massachusetts Teacher, Rhode Island Schoolmaster, College Courant, Connecticut School Journal,* and *Kindergarten Messenger* were combined in this publication. Absorbed *Educational Weekly*.

This is a weekly journal devoted to education, science, and literature. It treats of all fields of education at all levels and consists chiefly of theoretical discussions, although some reports of research are occasionally presented. Among the writers are school superintendents, college instructors, and officers of the National Education Association.

Journal of Educational Method. See: *Educational Method*.

Journal of Educational Psychology. Baltimore, Maryland: Warwick and York, Inc. Monthly, 9 nos. Vol. 1—1910; vol. 21—1930. Editor: Harold Rugg, chr.

The editors of this journal have attempted to make it a clearing house for the exchange of information upon all that concerns the relation of psychology to education. No one level of administration is addressed. Each issue contains theoretical discussions, original contributions, news items of workers in the field, and "accurate and useful reviews or digests that will serve to condense and coordinate the growing literature of educational psychology." An attempt is made, particularly, to stimulate interest in, and further the progress of experimental pedagogy. The articles are written chiefly by members of university faculties.

Journal of Educational Research. Bloomington, Illinois: Public School Publishing Company. Monthly, 10 nos. Vol. 1—1920; vol. 22—1930. Editor: A. S. Barr, chr.

According to the publishers, "this journal was established to support educational research workers in all phases of the great problems of teaching. Started in 1920 under the editorship of Dr. B. R. Buckingham and associates

among the members of an association of directors of educational research, and accepted as the official organ of the Educational Research Association, its purpose has at no time been confined to a narrow line of specialized research but has been concerned also with professional applications for all workers in education."

Journal of Educational Sociology, The. New York: The Journal of Educational Sociology. Monthly, 10 nos. Vol. 1—1928; vol. 3—1930. Editor: E. G. Payne.

Contains contributions and articles that are of vital importance to the student of social problems. Permanent departments include: Research Projects and Methods in Educational Sociology, Book Reviews, News from the Field, and Contributors' Page.

Journal of Engineering Education, The. (Vol. 1-6 no. 7 as *Bulletin of the Society for the Promotion of Engineering Education*; vol. 6 no. 8—vol. 14 no. 12 as *Engineering Education*). Lancaster, Pennsylvania: Society for the Promotion of Engineering Education. Monthly, 10 nos. Vol. 1—1910; vol. 20—1930. Editor: F. L. Bishop.

Besides reporting annual meetings of the society, this journal gives much space to discussions of fundamental educational problems of engineering departments in higher institutions. College notes and reviews of books on engineering are presented.

Journal of Experimental Psychology. Princeton, New Jersey: Psychological Review Company. Bimonthly. Vol. 1—1916; vol. 13—1930. Editor: Madison Bentley. Publication suspended, 1918-19.

Includes material on experimental pedagogy, child psychology and hygiene, and educational statistics.

Journal of Higher Education, The. Columbus: Ohio State University Press. Monthly, 10 nos. Vol. 1—1930. Editor: W. W. Charters.

According to the publishers, this periodical ". . . is published to serve as the professional journal of the sixty-seven thousand instructors and administrative officers in the colleges, universities, and professional schools of the United States. The editors plan to bring to their constituency reports of the most significant investigations in the instructional, administrative, personnel, and curricular problems in all branches of higher education. The list of associate editors includes representatives from every department of academic responsibility in higher education, and these, co-operating with the editor, will attempt ten times a year to report upon the progress of higher education."

Journal of Home Economics. Baltimore, Maryland: The American Home Economics Association. Monthly. Vol. 1—1909; vol. 22—1930. Editor: H. W. Atwater.

In addition to containing reports and proceedings of the American Home Economics Association, this journal carries original articles, both on the theoretical side of the household arts and sciences and in applied fields. Contributors are chiefly members of the association. Abstracts of articles from other journals, book reviews, and news items are included.

Journal of Juvenile Research (Vol. 1-13 as *Journal of Delinquency*). Whittier, California: California Bureau of Juvenile Research. Quarterly. Vol. 1—1916; vol. 14—1930. Editors: Norman Fenton, *et al.*

This California publication is a scientific journal devoted to the problems of juvenile delinquency. It consists of reports of research in connection with problem children and contains some suggestions for remedial work.

Journal of the National Education Association, The (Vol. 1-9 no. 4 as *National Education Association Bulletin*). Washington, D. C.: Na-

tional Education Association. Monthly, 9 nos. Vol. 1—1913; vol. 19—1930. Editor: J. E. Morgan. Absorbed *National Education Association Journal*.

This journal is the official organ of the National Education Association. Besides reports of the activities of the association and of educational movements of national importance, it presents theoretical discussions of problems of education at all levels. Contributors include teachers and administrators. A valuable feature is the annual list of sixty best educational books, selected by the National Education Association.

Junior-Senior High School Clearing House (Vol. 1-3 as *Junior High School Clearing House*). New York: Inor Publishing Company. Monthly, 10 nos. Vol. 1—1926; vol. 4—1930. Editors: P. W. L. Cox, *et al.*

"A challenging journal for liberal secondary-school people." The editors are all of the New York University. Associated editors and contributors come from the field of secondary education. The magazine stresses progressive practices of secondary schools and contains digests of current reports and articles and reviews of books in education.

Junior High School Clearing House. See: *Junior-Senior High School Clearing House*.

Kindergarten, for Teachers and Parents. See: *Kindergarten-Primary Magazine*.

Kindergarten Magazine. See: *Kindergarten-Primary Magazine*.

Kindergarten Messenger. See: *Journal of Education*.

Kindergarten-Primary Magazine (Vol. 1-3 as *Kindergarten, for Teachers and Parents*; vol. 4-18 as *Kindergarten Magazine*). Manistee, Michigan: J. H. Shults Company. Bimonthly, 5 nos. Vol. 1—1888; vol. 42—1930. Editor: Grace C. Dow.

"A grade book in child training." Many helpful suggestions for the kindergarten and primary teachers are contained in this publication.

Maine Journal of Education. See: *Journal of Education*.

Manual Training and Vocational Education. See: *Industrial Education Magazine*.

Manual Training Magazine. See: *Industrial Education Magazine*.

Massachusetts Teacher. See: *Journal of Education*.

Mental Hygiene. Albany, New York: The National Committee for Mental Hygiene, Inc. Quarterly. Vol. 1—1917; vol. 14—1930. Editor: F. E. Williams.

Everyone interested in problems of mental hygiene, especially physicians, lawyers, educators, public officials, and students of social problems, will find this magazine of interest and value. Discussions of psychiatry and reports of research in connection with mental hygiene constitute the chief contributions of this journal.

Modern Language Journal, The. Madison, Wisconsin: National Federation of Modern Language Teachers. Monthly, 8 nos. Vol. 1—1916; vol. 13—1929. Editor: C. H. Holzwarth.

This is a journal "of, by, and for the teachers of modern languages" in schools and colleges. In addition to presenting articles on methods of teaching, it includes accounts of foreign language studies, as well as reports of meetings of the National Federation of Modern Language Teachers.

Music Supervisors' Bulletin. See: *Music Supervisors Journal*.

Music Supervisors Journal (Vol. 1 as *Music Supervisors' Bulletin*). Ithaca, New York: P. J. Weaver. Five nos. Vol. 1—1914; vol. 15—1929. Editor: P. J. Weaver.

As the official organ of the Music Supervisors Conference and of the five sectional conferences, this journal is for the purpose of disseminating information about school music; giving the teacher valuable material and a new spur for better work; giving the student authoritative reports and reliable opinions; and giving administrators knowledge of what is happening in this field throughout the country.

National Child Labor Committee Proceedings. See: *The American Child*.

National Congress of Mothers Magazine. See: *Child Welfare*.

National Education Association Bulletin. See: *Journal of the National Education Association*.

National Education Association Journal. See: *Journal of the National Education Association*.

National School Digest. See: *School Executives Magazine*.

Nation's Schools. Chicago, Illinois: Nation's Schools Publishing Company. Monthly. Vol. 1—1928; vol. 5—1930. Editor: M. V. O'Shea.

This is a national magazine "devoted to the application of research to the building, equipment, and administration of schools." Its contributors are college professors, superintendents, and other prominent educators. It considers all levels of the schools.

New England Journal of Education. See: *Journal of Education*.

New York Education. See: *American Education*.

New York University Bulletin to the Schools. Albany, New York: The University of the State of New York Press. Semimonthly. Vol. 1—1914; vol. 16—1929. Editor: C. F. Probes.

Contains news, criticisms, and suggestions for improving the schools of New York State. Short continued articles on local history of the state, reports of research, etc., are also included.

Normal Instructor. See: *Normal Instructor and Primary Plans*.

Normal Instructor and Primary Plans (Vol. 1-11 no. 8 as *Normal Instructor*; vol. 11 no. 9—vol. 15 no. 8 as *Normal Instructor and Teachers' World*). Dansville, New York: F. A. Owen Publishing Company. Monthly, 10 nos. Vol. 1—1891; vol. 39—1930. Editor: F. A. Owens, chr. Absorbed *Teachers' World* and *The School Century*. Combined with *Primary Plans*.

Valuable helps for teachers of all the grades and rural schools are to be found under the following departments and sections of this periodical: Primary Grades, Rotogravure Picture, General, Intermediate and Grammar Grades, Entertainment, Teacher's Help-One-Another Club, and Travel.

Normal Instructor and Teachers' World. See: *Normal Instructor and Primary Plans*.

North Carolina High School Bulletin. See: *High School Journal*.

North Central Association Quarterly, The. Ann Arbor, Michigan: North Central Association of Colleges and Secondary Schools. Quarterly. Vol. 1—1926; vol. 5—1930. Editors: C. O. Davis, et al.

As the official organ of the North Central Association of Colleges and Secondary Schools, this periodical ". . . will contain all the proceedings of

the annual meeting of the Association, together with much additional material directly related to the Association." Contained in the December, 1929, issue of this publication is a comparative study of standardizing agencies.

Peabody Journal of Education. Nashville, Tennessee: George Peabody College for Teachers. Bimonthly, 5 nos. Vol. 1—1923; vol. 7—1930. Editor: Norman Frost.

Although this is called a national journal, its outstanding purpose is to improve educational conditions in the South. All fields of education at all levels are treated, both theoretically and experimentally. The majority of the writers are from George Peabody College for Teachers and other southern educational institutions.

Pedagogical Seminary and Journal of Genetic Psychology. Worcester, Massachusetts: Clark University. Quarterly. Vol. 1—1891; vol. 37—1930. Editor: Carl Murchison.

Devoted to child behavior and differential and genetic psychology. Special attention is given to the psychology of learning of animals and of children. Each article is followed in the most recent volume by résumés in French, German, and English.

Phi Delta Kappan. Chicago, Illinois: Phi Delta Kappa Fraternity. Bimonthly, 6 nos. Vol. 1—1918; vol. 13—1930. Editor: P. M. Cook.

The official organ of the Phi Delta Kappa educational fraternity. It receives contributions from the leading educators in America and frequently contains reports of research studies. Volumes 11 and 12 contain some valuable suggestions concerning present and future research in education. One of its departments, entitled *As the Author Sees It* contains reviews of recent educational books.

Phonographic World. See: *Journal of Commercial Education.*

Phonographic World and Commercial School Review. See: *Journal of Commercial Education.*

Platoon School. Washington, D. C.: The National Association for the Study of the Platoon, or Work-Study-Play School Organization. Quarterly. Vol. 1—1927; vol. 4—1930. Editor: Alice Barrows.

This journal is of particular value to students and teachers interested in the platoon type of school organization.

Popular Educator. See: *The Grade Teacher.*

Present Age. Chicago, Illinois: J. Fred Waggoner Company. Weekly. Vol. 1—1882; vol. 3—1884. Editors: J. M. Gregory, *et al.* Continues *Educational Weekly.*

"A weekly journal of education, literature, and science." Contains summary of most important events of the week. Editorial and general contributions comprise six or eight pages of each issue. Other departments include: Health and Home, The School Room, Out of School, School News, Literary and Scientific Notes, and The Children's Hour.

Primary Education. See: *The Grade Teacher.*

Primary Education-Popular Educator. See: *The Grade Teacher.*

Primary Plans. See: *Normal Instructor and Primary Plans.*

Progressive Education. Washington, D. C.: Progressive Education Association. Quarterly. Vol. 1—1924; vol. 7—1930. Editor: F. M. Froelicher. Supersedes *Progressive Education Association Bulletin.*

"A quarterly review of the newer tendencies in Education," devoted to the activities of experimental schools. Each number consists of discussions of some one phase of education, such as music education for children, the influence

of environment, and college problems. All levels are treated. Many excellent illustrations are found in this periodical.

Progressive Education Association Bulletin. See: *Progressive Education.*

Progressive Teacher (Vol. 1 as *Progressive Teacher and Southwestern School Journal*; vol. 1-3 as *Tennessee School Journal*; vol. 4-7 as *Southwestern School Journal*). Morristown, Tennessee: Globe Book Company. Monthly, 10 nos. Vol. 1—1895; vol. 36—1930. Editor: M. S. Adcock.

Contains many helps for rural and other grade teachers. The development of the educational system in the southern states is conveyed in the earlier issues of this periodical.

Progressive Teacher and Southwestern School Journal. See: *Progressive Teacher.*

Psychological Abstracts. Princeton, New Jersey: Psychological Review Company. Monthly, 12 nos., with an index supplement. Vol. 1—1927; vol. 4—1930. Editor: W. S. Hunter.

Noncritical abstracts of the current literature in psychology and closely related fields are classified under sixteen different headings in this American psychological journal.

Psychological Bulletin. Princeton, New Jersey: Psychological Review Company. Monthly. Vol. 1—1904; vol. 27—1930. Editor: S. W. Fernberger.

Special numbers of this bulletin are devoted to general reviews of recent work in psychology. Beginning in 1926 each July issue reviews the literature on educational psychology, intelligence tests, educational tests, and personality tests, for the previous year and contains an annotated bibliography for that period. Previous to 1927 each volume contained abstracts of periodical literature. Each of these abstracts was signed by the reviewer. In 1923, 1167 of these abstracts were included; in 1924, 1277; in 1925, 926; in 1926, 393. Two of the twelve topics considered were: "Attention, Memory and Thought," and "Mental Development in Man."

Psychological Clinic. Philadelphia, Pennsylvania: Psychological Clinic Press. Irreg., 9 nos. Vol. 1—1907; vol. 19—1930. Editor: Lightner Witmer.

This "Journal of Orthogenics" is devoted to the consideration of Psychology, Hygiene, and Education. Its motto is "the normal development of every child." It is national in its distribution and general in its appeal. Contributions are usually from members of university faculties. Emphasis is placed on case studies.

Psychological Review. Princeton, New Jersey: Psychological Review Company. Bimonthly, 6 nos. Vol. 1—1894; vol. 37—1930. Editors: H. C. Warren, *et al.*

A publication of the American Psychological Association, which contains original contributions. Among the contributors are eminent psychologists.

Public Personnel Studies. Washington, D. C.: Bureau of Public Personnel Administration. Monthly. Vol. 1—1923; vol. 7—1929. Editor: Fred Telford.

This magazine is the principal medium of the Bureau of Public Personnel Administration for disseminating information with regard to investigations of employment problems. Students of education may be interested in the reports concerning intelligence tests.

Public School Journal. See: *School and Home Education.*

Quarterly Journal of the American Education Society, The. See: *American Quarterly Register*.

Quarterly Register and Journal of the American Education Society, The. See: *American Quarterly Register*.

Quarterly Register of the American Education Society. See: *American Quarterly Register*.

Rhode Island Schoolmaster. See: *Journal of Education*.

School and College. See: *School Review*.

School and Home Education (Vol. 1-8 as *Illinois School Journal*; vol. 9-17 as *Public School Journal*). Bloomington, Illinois: Public School Publishing Company. Monthly, 10 nos. Vol. 1—1881; vol. 41—1922. Editors: W. C. Bagley and George A. Brown. Continues *Educational News Gleaner*; continued as *American Review*.

In the beginning, this was a state journal dealing with methods of teaching and administration in elementary schools of Illinois, but it expanded rapidly until by 1915 it had become national in subject-matter and was concerned with school extension and town activities, as well as educational discussions and reports of investigations and experiments at all levels.

School and Society. New York: Science Press. Weekly. Vol. 1—1915; vol. 31—1930. Editor: J. M. Cattell. Absorbed *School Journal* (New York) which was published from 1871-1914. Continues *Educational Review*.

This weekly journal contains discussions and correspondence on various subjects at all levels of education, some carefully selected reports of research, choice quotations from other educational sources, and news of important educational events from all parts of the world. It has a department of Educational Research and Statistics.

School Arts Book. See: *School Arts Magazine*.

School Arts Magazine (Vol. 1-2 as *Applied Arts Book*; vol. 3-11 as *School Arts Book*). Worcester, Massachusetts: Davis Press, Inc. Monthly, 10 nos. Vol. 1—1901; vol. 29—1929. Editor: P. J. Lemos.

Articles are included that deal with art in the grades. Projects are presented for the teacher. Students interested in art will probably find this publication of some value.

School Century, The. Oak Park, Illinois: G. W. Jones. Monthly, 10 nos. Vol. 1—1905; vol. 19—1925. Editor: G. W. Jones. Absorbed by *Normal Instructor and Primary Plans*.

A national magazine for public-school teachers, presenting methods and devices for classroom use, picture-study series and stories for children, picture cut-outs, exercises for special days, etc.

School Education. See: *School Executives Magazine*.

School Executives Magazine (Vol. 39-41 as *National School Digest*; vol. 41-42 no. 5 as *Educational Digest*; vol. 42 no. 5—vol. 48 no. 5 as *The American Educational Digest*). Lincoln, Nebraska: The School Executives Magazine Company. Monthly. Vol. 1—1881; vol. 49—1930. Editors: F. A. Weld and J. H. Newlon. Preceded by *School Education*, whose volume number was carried into the publication of the *National School Digest*.

The interests of administrators of education are the chief concern of this magazine. It treats of problems of administration and supervision, building programs, salary schedules, personnel management, the curriculum, etc.

School Journal. See: *School and Society*.

School Life. Washington, D. C.: United States Office of Education. Monthly, 10 nos. Vol. 1—1918; vol. 15—1930. Acting editor: H. R. Evans.

The ambition of the official organ of the Department of the Interior, Office of Education, "is to present well-considered articles in every field of education which will be not only indispensable to those who work in that field but helpful to all others as well." The contents include articles on secondary education, papers by leading specialists in home economics, etc. "In short, *School Life* means to cover the whole field of education as well as its limited extent will permit."

School News and Practical Education (Vol. 1 as *Christian County News*). Taylorville, Illinois: Parker Publishing Company. Monthly, 10 nos. Vol. 1—1887; vol. 43—1930. Editor: C. L. Greene.

In 1894, according to an editorial of June, 1895, this publication had the largest guaranteed circulation rating of any school journal published in Illinois. It consists almost entirely of practical lessons in various elementary branches and makes a specialty of advocating the use of a definite course of study in the rural schools.

School Review, The. Chicago, Illinois: University of Chicago. Monthly, 10 nos. Vol. 1—1893; vol. 38—1930. Edited by the faculty of the School of Education of the University of Chicago. Continues *School and College*.

The most important journal devoted to secondary education. It includes scientific studies on the reorganization of the curriculum, personnel management, supervised study, and problems of administration and class instruction. Considerable space is devoted to reviews of educational books and digests of articles from other periodicals dealing with secondary education.

School Science. See: *School Science and Mathematics*.

School Science and Mathematics (Vol. 1-4 as *School Science*). Milwaukee, Wisconsin: School Science and Mathematics. Monthly, 9 nos. Vol. 1—1901; vol. 30—1930. Editor: G. W. Warner.

Discusses problems of science and mathematics teaching in elementary and secondary schools. Includes many helpful suggestions.

Science. New York: The Science Press. Weekly. Vol. 1—1883; vol. 23—1894; ns vol. 1—1895; vol. 70—1929. Editor: J. M. Cattell.

This journal is the official organ of the American Association for the Advancement of Science. Since 1901 it has contained the official proceedings and most of the papers of the association, as well as articles by authorities in their fields on topics of interest to all engaged in scientific work in higher institutions. Scientific events, notes and news, university and educational notes, reviews of scientific books, and abstracts of articles on science are included in each issue.

Science Education (Vol. 1-13 no. 4 as *General Science Quarterly*). Salem, Massachusetts: W. G. Whitman. Quarterly. Vol. 1—1916; vol. 14—1930. Editor: C. J. Pieper, chr.

Contains articles on the theory and methods of teaching science in elementary schools, junior and senior high schools, colleges and teacher-training institutions. Typical programs and lesson plans are presented from time to time. Reports of the meetings of the National Association for Research in Science Teaching are carried in the publication.

Social Science Abstracts. New York: Social Research Council. Monthly, 12 nos., with a concluding index. Vol. 1—1929.

This is a comprehensive abstracting journal covering all of the specific fields of social science. It gives abstracts of both factual and theoretical studies.

It is planned to cover three thousand periodicals in twenty-two languages, each abstract being listed by number and each issue containing an author index. The annual cumulative index, which is published separately, is alphabetically indexed by subject and author. It is planned to include fifteen thousand abstracts for 1929.

Southwestern School Journal. See: *Progressive Teacher.*

Stenographic and Phonographic World. See: *Journal of Commercial Education.*

Teachers College Record. New York: Bureau of Publications, Teachers College, Columbia University. Monthly, 8 nos. Vol. 1—1900; vol. 31—1930. Editor: W. F. Russell.

Founded as "a journal devoted to the practical problems of elementary and secondary education and the professional training of teachers," but expanded to include higher education. Practically all of the contributors are professors at Teachers College. Considerable space is devoted to news of this institution and of its alumni.

Teachers Journal and Abstract. Greeley: Colorado State Teachers College. Monthly, 9 nos. Vol. 1—1926; vol. 5—1930. Editor: G. W. Frasier.

Consists of brief abstracts (about 200-500 words) of articles from educational periodicals dealing with general problems of administration, and teaching of the special subjects at all levels, especial emphasis being placed on articles dealing with secondary-school problems. One or two brief reports of experiments are also included.

Teachers' World. See: *Normal Instructor and Teachers World.*

Tennessee School Journal. See: *Progressive Teacher.*

Typewriter and Phonographic World. See: *Journal of Commercial Education.*

Typewriter World. See: *Journal of Commercial Education.*

University of Pittsburgh School of Education Journal. Pittsburgh, Pennsylvania: School of Education, University of Pittsburgh. Quarterly. Vol. 1—1925; vol. 5—1930. Editor: S. B. Davis, chr.

The purpose of this journal is to bring professional information before teachers. Abstracts of unpublished research studies by graduate students at the University of Pittsburgh are presented.

Visual Education. See: *The Educational Screen.*

Vocational Education. See: *Industrial Education Magazine.*

Vocational Education Magazine. Philadelphia, Pennsylvania: National Society for Vocational Education. Monthly, 10 nos. Vol. 1—1922; vol. 3 no. 1—1924. Editor: David Snedden.

The National Society for Vocational Education published this magazine for the benefit of those doing experimental and pioneer work in special education for vocations other than the professions; such as agricultural, commercial, homemaking, and industrial education. Practical suggestions for projects and discussions of various problems of vocational education are given by authorities in the field.

Vocational Guidance Magazine, The (Vol. 1-2 no. 5 as the *Bulletin of the National Vocational Guidance Association*). Cambridge, Massachusetts: Bureau of Vocational Guidance, Graduate School of Education.

Harvard University. Monthly, 8 nos. Vol. 1—1922; vol. 8—1930. Editor: F. C. Smith.

This periodical, which is the organ of the National Vocational Guidance Association, presents the work done in vocational guidance in leading communities, such as Rochester, Boston, and Providence. It also contains articles on guidance by men of national reputation in education and in personnel service.

Western College Magazine. See: *American Educational Review.*

Western Journal of Education. See: *American Schoolmaster.*

CHAPTER IV

OTHER TYPES OF PUBLICATIONS

Publications other than periodicals are very valuable sources of information in the study of educational problems. With an increasing interest in education, there has been a corresponding growth in organizations that have as their purpose the promotion of education. There has followed with this rapid increase of interest and the growth in number of organizations an even greater number of sources of educational data. The majority of the new associations and foundations are sponsoring publications of a helpful sort. The following description is organized under eleven types. Textbooks in education and the general sources described in Chapter II are not included.

1. Publications of the United States Office of Education
2. Other Government publications relating to education
3. Publications of state departments of education
4. University and college publications
5. City-school publications
6. Publications of national and regional educational associations
7. State educational associations
8. Reports of educational surveys
9. Publications of foundations and other private agencies
10. Reports of research published by commercial companies
11. Sources of historical data

1. **Publications of the United States Office of Education.**¹ The purpose, origin, and type of the various publications of the United States Bureau of Education up to 1923 are described in Smith's monograph.² At regular intervals, usually in September, the Superintendent of Documents at Washington issues a pamphlet on the available publications of the United States Office of Education. This is a basic source of information listing all material currently available regardless of date and including some series of publications that have been discontinued. A complete list of the publications of the Bureau of Education, whether out of print or not, from its origin to 1910 is to be found in a Bureau bulletin.³ The publications for 1911 are to be found in the annual Bibliography of Education. The 1912-16 publications are listed in the monthly records of current educational publications issued by the Bureau of Education during those years. In 1928, Wright and Phillips⁴ indexed

¹ Formerly the United States Bureau of Education.

² Smith, D. H. "The Bureau of Education, Its History, Activities and Organization," *Institute for Government Research, Service Monographs, U. S. Government*, No. 14. Baltimore: Johns Hopkins Press, 1923. 157 p.

³ U. S. Bureau of Education. "List of Publications of the United States Bureau of Education, 1867-1910," *Bulletin*, 1910, No. 3. Washington: Government Printing Office, 1910. 55 p.

⁴ Wright, E. A. and Phillips, M. S. "Bulletins of the Bureau of Education, 1906-27," *U. S. Bureau of Education Bulletin*, 1928, No. 17. Washington: Government Printing Office, 1928. 65 p.

by year, author, title, and subject the various publications of the Bureau that were issued during the period from 1906 to 1927. Information concerning the educational publications issued since 1927 may be found in the circular on "Available Publications" of the U. S. Office of Education.

A full list of the different types of publications of the Bureau prior to the beginning of the present year is given in Alexander's⁵ pamphlet on educational research. The author mentions twenty-eight series besides miscellaneous publications. Certain pertinent facts concerning a few of these are given by Alexander to aid the student who may be interested in such sources of information.

After the reorganization of the Office of Education a simplification in the general make-up of the publications of the Office was instituted.⁶ The documents that will be issued in the future are: Bulletins, pamphlets, leaflets, annual reports, biennial surveys of education, and reading courses.

The *bulletin series*, which is the most important series published by the Office of Education, consists of studies of rather permanent interest and value in the various fields of education. The number of bulletins varies from year to year. In 1920 the series included ninety-one bulletins. Although the topics treated vary, certain information is published in much the same form year after year. Number 1 is always the "Educational Directory." Certain types of statistical information are published as advance sheets of the Biennial Survey.⁷ The bulletins are usually prepared by members of the Office staff, but in some cases they are reports of special investigations by others. One valuable type of the bulletin is the classified, annotated bibliographies of current publications.

Pamphlets and *leaflets*, ranging from eight to thirty-two and two to eight printed pages respectively, have taken the place of the various divisional publications formerly listed as city school leaflets, commercial education leaflets, community center circulars, extension leaflets, foreign education leaflets, health education publications (health education series, physical education series, and school health series), higher education circulars, home economics circulars, home education circulars, industrial education circulars, kindergarten circulars, library leaflets, miscellaneous publications, rural school leaflets, secondary school circulars, statistical circulars, and teachers' leaflets.

⁵ Alexander, Carter. *Educational Research*. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 74-75.

⁶"Publications of the United States Office of Education," *School Life*, 15:130-31, March, 1930. (An editorial.)

⁷ For example, statistics of city-school systems are to be found in the following bulletins of the United States Office of Education.

For 1917-18, *Bulletin*, 1920, No. 24

For 1919-20, *Bulletin*, 1922, No. 17

For 1921-22, *Bulletin*, 1924, No. 34

For 1923-24, *Bulletin*, 1925, No. 41

For 1925-26, *Bulletin*, 1927, No. 32

For 1927-28, *Bulletin*, 1929, No. 34

The *Biennial Survey of Education* is a comprehensive report of school conditions. It is made up of "chapters" on various subjects. These sections may be obtained from the Commissioner of Education, Washington, D. C., in advance of distribution of the entire volume. The bound volume is issued as a bulletin of the Office of Education.

The *Report of the Commissioner of Education*, during the period from 1889 to 1918, was issued in two volumes and contained much of the material that is now to be found in the *Biennial Survey*. Since 1918, when it was decided that the *Biennial Survey* should be issued as an administrative document, the annual report of the commissioner has corresponded more closely to the original intent of the report by including only brief and concise summaries of activities of the Office of Education, the results of investigations and conclusions based on them, and recommendations for the improvement of systems of education in the several states. The reports for the past few years have ranged in size from thirty to fifty printed pages.

Mimeographed circulars of current information and a *survey information series* will be issued from time to time. Some of the more recent of these mimeographed circulars have to do with nursery schools, consolidation and transportation, and equalization funds.

2. Other Government publications relating to education. In addition to the publications of the Office of Education, the Federal Government issues several other publications that may be of use to the student of education. Probably the most helpful single pamphlet for use in locating Government publications of all departments on the subject of education is the price list No. 31, issued by the Superintendent of Documents in July, 1928. This list gives the title, classification number, price, and department in which the publication is issued. The publications are classified and listed alphabetically under each topic. A very complete idea of the publications of the various departments may be obtained from the following bulletins:

Guerrier, Edith. "The Federal Executive Departments as Sources of Information for Libraries," *U. S. Bureau of Education Bulletin*, 1919, No. 74. Washington: Government Printing Office, 1919. 204 p.

Noyes, F. K. "Teaching Material in Government Publications," *U. S. Bureau of Education Bulletin*, 1913, No. 47. Washington: Government Printing Office, 1913. 61 p.

Swanton, W. I. "Guide to United States Government Publications," *U. S. Bureau of Education Bulletin*, 1918, No. 2. Washington: Government Printing Office, 1918. 206 p.

Windes, E. E. "Government Publications Useful to Teachers," *U. S. Bureau of Education Bulletin*, 1924, No. 23. Washington: Government Printing Office, 1924. 34 p.

The following Government publications are especially helpful to students of education:

Census of the United States. Reports of the Fourteenth Census are compiled in eleven volumes, about fourteen hundred pages each. The first four deal with population, giving the number and distribution of inhabitants, the composition and characteristics of the population by states, and statistics of occupations; three volumes give statistics concerning agriculture; three deal with manufactures; and one gives a report and analytical tables on mining.

Federal Board for Vocational Education, *Annual Reports to Congress.* These reports contain statistics, reports of studies, recommended courses, and other valuable information concerning vocational education. The Board also publishes other circulars and bulletins from time to time.

Federal Board for Vocational Education, *Bulletins.* The Board has engaged somewhat extensively in research service since 1921, at which time it had allotted to it additional duties and responsibilities under the Rehabilitation Act. This research work has been carried on along six lines:⁸ (1) development of a technique of job analysis, (2) development of a plan for improving work of employed foreman, (3) securing of special information, (4) working out methods of carrying on vocational rehabilitation, (5) developing ways of securing cooperation between the home-economics school and the home, and (6) development of agricultural teacher-training courses. The Board issues bulletins from time to time which embody the results of these research projects. These bulletins and those of the Department of Agriculture constitute a major portion of Government publications that are of interest to teachers besides those issued by the Office of Education.

Financial Statistics of Cities. The Bureau of Commerce at Washington gives an annual report "on financial statistics of cities having a population of over 30,000, showing in detail the financial transactions of these cities . . . , the assessed valuation of taxable property, and the taxes levied thereon during that year and their indebtedness and assets at the close of that year."

United States Daily. This daily record includes, among other items of information, brief reviews of education publications. These reviews are suitable for pasting on 3" x 5" cards for filing. There is an annual cumulative index in June.

3. Publications of state departments of education. These publications⁹ include annual reports of the superintendent of instruction, educational directories, periodicals, bulletins, reports of state surveys, and occasional monographs and circulars. The annual reports usually con-

⁸ Federal Board for Vocational Education, *Eighth Annual Report to Congress*, Washington: Government Printing Office, 1924, p. 24-26.

⁹A list of fifteen journals issued by state departments is to be found in: National Education Association, The Committee on Standards of the Educational Press Association of America, *Classified List of Educational Periodicals*. Washington, D. C.: National Education Association, 1930, p. 3.

tain descriptions of educational progress in the state. Some of the more common items concern questions used in teachers' examinations, educational officials, statistical tables of pupils, teachers, subjects taught, textbooks used, libraries, school property, and expenditures of school moneys for all purposes. The periodical bulletins contain announcements of state meetings, discussions of school legislation, lists of teacher and pupil reading-circle books, brief summaries of financial and educational statistics, and other material which the state department desires to present to school administrators and teachers in particular, or to the public in general. One of the most complete state department reports is that issued by New York (State) University, State Department of Education.¹⁰

This report is now issued in two volumes per year. Volume 1 contains statistics only, while Volume 2 is a report of school conditions throughout the state and is considered under the various school levels and departments, such as elementary, secondary, higher, vocational, and extension.

As to the items included in the reports of the state department, Reavis¹¹ found little uniformity in the different states. His study of the forms used by the departments of public instruction of ten representative states revealed wide variations in content. Some included insignificant details and omitted important items. Of the 2,005 different items of information collected annually by these ten departments under the three major headings of "pupils," "finance," and "teachers," he found 1,633, or 81.4 per cent, collected only by a single state, and no single item collected by all the ten states. Of the 753 items concerning pupils, Reavis found that 693 are collected by single states only. Concerning the certificates of teachers, of the 231 items of information, 225 are collected by only one state, while one item is collected in common by three states, and one, by four states. No single item of information is collected by more than four of the ten states.

4. University and college publications. A number of universities and colleges publish reports of educational research in bulletin or monograph form. The general plan of publication varies widely. For example, the University of Chicago publishes a single series, *The Supplementary Educational Monographs*. Only about forty numbers have been published in this series, but it is important because of the quality of studies included. On the other hand, Harvard University has eight series as follows: *Studies in Education*, *Bulletins in Education*, *Monographs in Education*, *Tests in Education*, *Documents in History of Education*, *Surveys in Education*, the *Inglis Series*, and the *Vocational Guidance Series*. Iowa University also has an extensive list of publications

¹⁰ New York (State) University, State Department of Education, *Annual Report*. Albany: The University of the State of New York, Vol. 1-date, 1905-date.

¹¹ Reavis, W. C. "Items of Information Collected by Departments of Public Instruction of Ten Representative States," *Elementary School Journal*, 29:666-673, May, 1929.

under the five heads of *Studies, Monographs, Extension Bulletins* (General), *Extension Bulletins* (Education Series), and *University School Leaflets*. Most of the educational publications of the University of Illinois appear as *Bulletins* or *Circulars* of the Bureau of Educational Research. There are, however, *Proceedings of the High-School Conference*, and occasionally other publications. Ohio State University publishes two series under the headings *Studies* and *Educational Research Monographs*.

The principal series of publications of Teachers College,¹² Columbia University, is the *Contributions to Education*. These publications are usually Doctors' theses and cover a wide variety of subjects. About 450 have been issued up to the present, each of which has been given a serial number. This series is without doubt the most important single source of information concerning educational research. Another publication of Teachers College that may be listed here is the *Educational Yearbook* of the International Institute of Teachers College.¹³ These yearbooks contain reports of investigations concerning educational conditions, movements, and tendencies in the United States and in foreign countries. The contributors are recognized as leaders in their respective fields.

Probably the most important educational periodicals published by universities are the *Elementary School Journal* and *School Review*, published by the School of Education of the University of Chicago, and the *Teachers College Record*, issued by Teachers College, Columbia University. There are, however, a number of other educational journals published by colleges, universities, and teacher-training institutions, which should be included as helpful sources of material for the student. Among these may be included such publications as *The Peabody Journal of Education*, George Peabody College for Teachers, and *Teachers' Journal and the Abstract*, Colorado State Teachers College.¹⁴

5. City-school publications. Under this head may be included the journals, news-letters, surveys, bulletins, monographs, and circulars that are published either by city boards of education or with their authority. These publications include chiefly matters of special interest to the teachers and school officials of the city, such as announcements of programs and policies, descriptions of unusual school practices, and reports of special investigations of the relative degrees of effectiveness of different procedures in school work. These contributions are frequently from successful school men and have the keynote of practical application. There are, however, occasional reports of scientific research. Thus, in spite of their apparent local nature, city-school publications are

¹² A complete catalog of all the publications of Teachers College, Columbia University, (April, 1929) may be had upon request from the Bureau of Publications, Teachers College, 525 W. 120th St., New York City. Supplements to this catalog are published from time to time.

¹³ International Institute of Teachers College, *Educational Yearbook*. New York: Bureau of Publications, Teachers College, Columbia University. Vol. 1-date, 1924-date.

¹⁴ See pages 22 and 23 for a list of periodicals published by educational institutions.

helpful as a source of worth while information regarding such matters as teaching techniques, curriculum construction, textbook selection, methods of supervision, and problems pertaining more particularly to psychological and sociological research in the field of education. The problems of the schools in a large city are so varied in their nature that the student will find material on a wide variety of subjects. It is here also that he finds reports of educational theory tried out under ordinary school situations.

Mention is made of the following city-school publications:¹⁵

- Baltimore (Maryland) Bulletin of Education.*
- Boston (Massachusetts) Teachers News-Letter.
- Brooklyn (New York) Teacher.
- Buffalo, New York—The School Magazine.
- Chicago (Illinois) Schools Journal.*
- Cincinnati, Ohio—The School Index.
- Cleveland, Ohio—School Topics.
- Denver, Colorado—School Review.
- Detroit (Michigan) Educational Bulletin.*
- El Paso (Texas) Schools Standard.
- Highland Park, Michigan—Teachers' Bulletin.
- Indianapolis, Indiana—Our City Schools.
- Los Angeles, California—Educational Research Bulletin.
- Los Angeles (California) School Journal.
- Mankato, Minnesota—School Progress.
- Minneapolis, Minnesota—The League Script.
- Muskegon (Michigan) Educational Review.
- New York City—Bulletin of High Points in the Work of the High Schools of New York City.*
- Newark (New Jersey) School Bulletin.
- Omaha (Nebraska) School Forum Quarterly.
- Pittsburgh (Pennsylvania) School Bulletin.
- Portland, Oregon—The School Bulletin.
- Providence (Rhode Island) Public School Bulletin.
- St. Louis, Missouri—Public School Messenger.
- St. Paul, Minnesota—School Bulletin.
- Seattle (Washington) Educational Bulletin.
- Seattle (Washington) Grade Club Magazine.
- Spokane, Washington—School and Community.

6. Publications of national and regional educational associations.

There are a large number of national and regional educational associations¹⁶ that issue publications of value to the research worker. Limitations of space make it necessary to describe only the more important ones. The publications of the National Education Association of the United States comprise nine series as follows:

National Education Association. *Addresses and Proceedings*. Washington: National Education Association. Vol. 1-date; 1857-date. Annual. No

¹⁵ Those marked with the asterisk are more fully described in Chapter III.

¹⁶ An alphabetical list of associations together with a statement of their purposes and with the names of their publications is to be found in:

Wolcott, J. D. "A Handbook of Educational Associations and Foundations in the United States," *U. S. Bureau of Education Bulletin*, 1926, No. 16. Washington: Government Printing Office, 1926. 82 p.

meetings in 1861, 62, 67, 78, and 1906. The International Congress of Education at Chicago took the place of the regular meeting in 1893. Published from 1858 to 1860 as *Journal of Proceedings and Addresses of the National Teachers' Association*. Index: 1857-1906.

Addresses before the general sessions for each year are given, followed by reports of the association's active committees, addresses and minutes of the National Council of Education, and addresses and minutes of the association's departments: Adult Education, Business Education, Classroom Teachers, Elementary School Principals, Secondary School Principals, Superintendence, Teachers Colleges, School Health and Physical Education, Kindergarten-Primary Education, Vocational Education, Visual Education, Supervisors and Directors of Instruction, Rural Education, Science Instruction, Deans of Women, Social Studies, and Lip Reading.

National Education Association, Department of Superintendence. *Proceedings*. Washington: Department of Superintendence of the National Education Association. Vol. 1-date, 1874-date. Annual.

Reports of committees, discussions of problems related to the field of administrative education, and other material concerning this department of the National Education Association are published in the *Proceedings*. Since 1923, the Department of Superintendence has issued a number of yearbooks, each of which deals with some specific problem of education.

National Education Association, Department of Superintendence, *Yearbook*, Washington: National Education Association. Vol. 1-date; 1923-date. Annual.

Students of education will find this publication of considerable value. The curriculum has received much attention in the earlier issues. The *Seventh Yearbook* contains several excellent reviews of research studies bearing on articulation problems at the different school levels. The *Eighth Yearbook* considers the problem of supervision.

National Education Association, Department of Secondary School Principals, *Bulletin*. Washington: National Education Association. Vol. 1-date; 1917-date. Five times each year. Title varies.

The March number of each year contains the proceedings of the annual meeting of the department. In addition to the regular reports, topical discussions pertinent to the senior high school, junior high school, and junior college are included.

National Education Association, Department of Elementary School Principals, *Bulletin*. Washington: National Education Association. Vol. 1-date; 1921-date. Quarterly.

The yearbook published each year by the Department of Elementary School Principals is included among the issues of the bulletin. Special topics of particular interest as they relate to the elementary school are treated in the separate issues of this publication. The reports of the annual meeting are presented in the yearbook of the department.

National Education Association, Research Division, *Research Bulletin*. Washington: National Education Association. Vol. 1-date; 1923-date. Five times each year.

The Research Division of the National Education Association has rendered a valuable service through the publication of the *Research Bulletin*. Up-to-date statistics and comparative data are given on current educational problems. Each number of the bulletin is given over to some one study or to the continuation of a study. Such problems as relate to teachers' salaries, school records and reports, school finance, curriculum, and teacher tenure have been extensively treated in the past.

National Education Association, *Research Service*. "This service rendered by the Research Division of the Association furnishes school boards with up-to-date statistics and comparative data on problems of current

interest. A flat charge for the year is made for it. Many of the data later appear in the bulletins, but subscribers receive them months ahead of regular publication."¹⁷

National Education Association, *Journal*.¹⁸

National Education Association, occasional *Bulletins* and *Circulars*.

The yearbooks of the National Society for the Study of Education¹⁹ constitute a major source of information on the subjects that have been considered by them. These publications have covered a variety of topics, many times being the reports of national committees. The usual custom has been to issue each volume in two parts, each of which considers a single phase of the same general subject. For example, in the *Twenty-Seventh Yearbook*, which was published in 1928, Part I deals with the effect of "Nature and Nurture" upon intelligence, while Part II deals with the effect of "Nature and Nurture" upon achievement. The *Twenty-Eighth Yearbook* (1929) deals with "Preschool and Parental Education" and was issued in one volume. Such phases of education as the curriculum, learning, the certification of teachers, school surveys, minimal essentials, and educational measurements have also been given attention in earlier numbers of this publication.

An annotated bibliography of all of the yearbooks to date by parts is to be found in the current catalog of text and reference books of the Public School Publishing Company, Bloomington, Illinois. The annotations include the names of the authors and a brief discussion of the method and the extent of the treatment of the subjects considered.

A number of other important associations are named in the following references to their publications:

American Association of Junior Colleges, *Proceedings*. Nashville, Tennessee: American Association of Junior Colleges. 1921-date. Annual.

Detailed reports of the annual meetings of the association are presented in the *Proceedings*. Such topics as those that deal with the curriculum, methods of instruction, and standards receive much treatment. For an insight into the junior-college movement one should examine the more recent volumes.

American Association of Teachers Colleges, *Yearbook*. Cleveland, Ohio: American Association of Teachers Colleges. Vol. 1-date; 1922-date. Title varies.

The *First Yearbook* summarizes the proceedings of the earlier meetings of the association. From later volumes, one is able to find material on the history of the teachers-college movement. Each annual report presents a detailed account of the association's meeting for that particular year, in addition to the discussions, which usually follow a certain trend of thought.

American Vocational Association, *Proceedings*. Indianapolis: American Vocational Association. Vol. 1-date; 1927-date. Annual. Title varies.

The first two bulletins published by the American Vocational Association comprise the first volume of the *Proceedings*. Special reports of the Committee on Adult Education are presented in these two numbers. In the *Proceedings*,

¹⁷ Alexander, Carter. *Educational Research*. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 53.

¹⁸ The *Journal of the National Education Association* is described on pages 33 and 34.

¹⁹ National Society for the Study of Education, *Yearbooks*. Bloomington, Illinois: Public School Publishing Company. Nos. 1-5, 1895-99; new series: No. 1-date, 1902-date, 1 as *Yearbook of the Herbert Society for the Scientific Study of Teaching*; 2-5 as *Yearbook of the National Herbert Society*; new series: Nos. 1-8 as *Yearbook of the National Society for the Scientific Study of Education*.

printed for the first time in 1928, the annual meeting of the association is treated. Although this publication is a new one in the field of annual reports of conventions, one may find much material of value relating to vocational education.

Association of American Universities, *Journal of Proceedings and Addresses*. Ann Arbor, Michigan: Association of American Universities. Vol. 1-date; 1900-date. Annual.

The journal contains records of the annual conference of the Association of American Universities. Consideration is given to matters of common interest relating to graduate study. Included in the material presented, one will find addresses, papers, and discussions on topics of research. Other things given include a list of member institutions, the constitution of the association, and a calendar of conferences. Volume 1-20, indexed.

Association of Colleges and Secondary Schools of the Middle States and Maryland, *Proceedings*. Philadelphia: Association of Colleges and Secondary Schools of the Middle States and Maryland. Vol. 1-date; 1887-date. Annual. Title varies. •

Contained in these volumes are discussions of such problems as are related to qualifications and methods of admission to college, character and courses of study of the preparatory school, and the like. List of officers, reports of commissions, offices, and committees are to be found.

Association of Colleges and Secondary Schools of the Southern States, *Proceedings*. Birmingham, Alabama: Association of Colleges and Secondary Schools of the Southern States. Vol. 1-date; 1895-date. Annual. Title varies.

Reports of committees, reports of the commissions on higher education, minutes of the annual meetings, lists of publications of the association, papers and addresses, lists of officers and members, constitution and by-laws, and other material pertinent to the Association of Colleges and Secondary Schools of the Southern States may be found in this publication.

College Entrance Examination Board, *Annual Report*. New York: College Entrance Examination Board. Vol. 1-date; 1901-date.

Special reports, classification of candidates examined, and lists of publications, officers, committees, and members are published in the annual report of the College Entrance Examination Board. Fiske²⁰ gives a good account of the work of this board from 1901 to 1925.

Institute of International Education, *Bulletins*. New York: Institute of International Education. 1920-date.

The purpose of the institute is "to develop international good will by means of educational agencies, and for its specific purpose to act as a clearing house of information and advice for Americans concerning things educational in foreign countries and for foreigners concerning things educational in the United States." The reports deal with such subjects as "American Education in Backward Countries," "Summer Schools Abroad," and "Observations Concerning Foreign Centres of International Education." Pamphlets on similar subjects are published frequently throughout the year by members of the institute other than the director.

National Association of State Universities in the United States of America, *Transactions and Proceedings*. Oxford, Ohio: National Association of State Universities in the United States of America. Vol. 1-date: 1903-date. Annual.

Current problems of state universities discussed during the annual meetings are reported in this official publication of the National Association of

²⁰ Fiske, Thomas, *The Work of the College Entrance Examination Board, 1901-1925*. New York: Ginn and Company, 1926. 300 p.

State Universities. Such topics as "Growth of the Junior College," "The Growth of Teachers Colleges," and "Adult Education" are treated in this publication. One may also find a list of member institutions, reports of committees, the constitution, and a list of the past and present officers of the association.

National Conference of Supervisors and Directors of Instruction, *Yearbook*. New York: National Conference of Supervisors and Directors of Instruction. Vol. 1-date; 1928-date.

The yearbooks contain the official reports of proceedings of the association. Also, Volume 2 considers the general problem of scientific method in supervision. It contains 307 pages, has tables and figures, and is followed by an extensive bibliography of the subject. Each volume considers some general problem in education.

National Council of Teachers of Mathematics, *Yearbook*. New York: National Council of Teachers of Mathematics. Vol. 1-date; 1926-date. Annual.

The *Fourth Yearbook* contains a discussion of the significant changes and trends in the teaching of mathematics throughout the world since 1910. It has 186 pages and contains bibliographies and tables.

National Research Council, *Reprint and Circular Series*. Washington: National Research Council. 1916-date.

These publications are irregular and vary from nine to fifteen per year. The circulars of the Child Development Committee and the Division of Educational Relations are of considerable value. These circulars numbered 27, 36, 41, 45 are bibliographies of various school subjects. Number 72 is a bibliography of fifty-nine pages on the analysis of human personality. Number 76, prepared by L. R. Marston, is a directory of research in child development. The Division of Educational Relations has in the main devoted itself to a study of "the problems of the gifted student," and of the relations of higher institutions to research. In coöperation with the American Council on Education this council has sponsored the development of psychological examinations for college freshmen.

National Society of College Teachers of Education, *Studies in Education, Yearbook*. Chicago, Illinois: University of Chicago Press. 1911-date. Usually annual. Title varies.

These yearbooks are principally reports of research in three general fields: problems of administration of departments of education; problems of the teaching and organization of courses in education; and problems of research in the general field of education. The usual yearly heading is "Studies in Education." There are a number of good bibliographies in the recent volumes. The *Seventeenth Yearbook*, published in 1929 and entitled "Current Educational Readjustments in Higher Education," lists most of the yearbooks from 1923 to 1928 inclusive.

North Central Association of Colleges and Secondary Schools, *Proceedings*. Ann Arbor, Michigan: North Central Association of Colleges and Secondary Schools. Vol. 1-30; 1896-1925. Annual.

This publication preceded the *North Central Association Quarterly* and contained records of the annual meetings of the association. The official roster of the association, proceedings of the Commission on Higher Education, proceedings of the Commission on Secondary Education, studies and reports, and a list of accredited secondary schools are included in each number.

Northwest Association of Secondary and Higher Schools, *Proceedings*. Moscow, Idaho: Northwest Association of Secondary and Higher Schools. Vol. 1-date; 1918-date. Annual.

Reports of the annual meetings are contained in these volumes. Committee and commission reports, list of officers, list of member institutions, and the constitution are also included in each of the annual issues.

New York Society for the Experimental Study of Education, *Yearbook*.
Yonkers-on-Hudson: New York Society for the Experimental Study
of Education. 1927-date. Annual.

This yearbook contains the proceedings of the society. Volume 3 discusses the subject, "Problems in Teacher Training."

7. State educational associations. Most of the state educational associations publish monthly or quarterly journals.²¹ These journals usually devote most of their space to state educational news, announcements of state meetings, and discussions of recent state legislation, and other topics of local interest. There are several of these journals, however, that are more than local in character. Among these may be mentioned the *Sierra Educational News*, (California), *Illinois Teacher*, and the *Texas Outlook*. Occasionally, state educational journals report investigations and studies in the field of education.

In most states there is one or more organizations of teachers and administrators, other than the state educational association, which regularly publish either annual reports or periodical journals, or both. Among the more important annual reports are the proceedings of the Pennsylvania Schoolmen's Week (University of Pennsylvania), the High School Conference (University of Illinois), and the Ohio State Educational Conference. The studies and discussions reported in these publications are frequently of considerable value. They consist of addresses and reports of committees on matters of current interest. Somewhat similar to the above mentioned organizations are the Michigan Schoolmasters' Club, which began publishing its annual proceedings in 1928, and the Coöperative Education Association of Virginia, which publishes the monthly journal, *Community League News*. There are numerous other organizations, such as the Schoolmasters' Club of Illinois, Nebraska Schoolmasters' Club, and Vermont Schoolmasters' Club. In addition to these bodies, there are departments and allied organizations which include in their membership teachers of special subjects. Some of these organizations publish their reports in the regular proceedings of associations of which they form a part. A few maintain their own publications or publish occasional studies.

Under this heading may also be listed such organizations as the New York Society for the Experimental Study of Education, the Minnesota Society for the Study of Education, and the annual Conference on Educational Measurements of the Indiana University.

8. Reports of educational surveys. Most reports of educational surveys contain valuable data relating to such topics as expenditures, retardation, scores made on educational tests, and teachers' salaries. Several lists of education surveys have been published. The history of the survey movement together with a review of many individual survey

²¹ Thirty-nine journals issued as organs of state teachers associations are listed with their place of publication and editors in:

National Education Association, The Committee on Standards of the Educational Press Association of America. *Classified List of Educational Periodicals*. Washington, D. C.: National Education Association, 1930, pages 3 and 4. In case this yearbook is not available, the places of publication may be found in the 1930 Education Directory, see p. 148-156.

reports is found in a series of five bulletins of the U. S. Office of Education, the last of which, by Buchner, was published in 1923.²² This bulletin contains a complete annotated list of state and city surveys made during the period 1918-23. In 1928 Klein²³ prepared a bulletin that was devoted to school surveys up to 1926. A comprehensive study of the survey movement from its beginning to 1928 is to be found in Caswell's study²⁴ of this subject. This includes an account of the early history and the more recent developments of surveys. In addition, it includes discussions of such topics as survey agencies, cost of surveys, and results of surveys. There is also given a list of all standard city surveys since 1910 together with such facts as the names of the towns, the date, the agency, the director or committee in charge, and the scope. Finally, a selected and annotated bibliography is presented on the subject. An earlier bibliography, prepared by Manahan²⁵ in 1916, is worthy of consideration. It is by no means complete even for the period covered, but it is helpful because of its classification of surveys into those of state, county, and city. In its annotations sufficient data are presented to give a fair idea of the scope and value of each survey. A topical analysis of 234 school surveys is published as a bulletin²⁶ of the School of Education, Indiana University. Later references about surveys may be obtained from the U. S. Office of Education. The Field Studies Division of the Institute of Educational Research, Teachers College, Columbia University, has conducted numerous surveys in the past, reports of which are usually obtainable from the Bureau of Publications, Teachers College.

As to the methods of organizing and conducting school surveys, three references may be given:

Smith, H. L. and Judd, C. H. "Plans for Organizing School Surveys, with a Summary of Typical School Surveys," *The Thirteenth Yearbook of the National Society for the Study of Education*, Part II. Chicago, Illinois: University of Chicago Press, 1914. 85 p.

Sears, J. B. *The School Survey*. Boston: Houghton Mifflin Company, 1925. 440 p.

Garlin, J. B. "Factors Conditioning the Success of School Surveys," *School and Society*, 28:337-40, September 15, 1928.

9. Publications of foundations and other private agencies. Under this head may be grouped handbooks, bulletins, and directories

²² Buchner, E. F. "Educational Surveys," *U. S. Bureau of Education Bulletin*, 1923, No. 17. Washington: Government Printing Office, 1923. 44 p.

²³ Klein, A. J., et al. "Educational Surveys," *U. S. Bureau of Education Bulletin*, 1928, No. 11. Washington: Government Printing Office, 1928. 67 p.

²⁴ Caswell, H. L. "City School Surveys," *Teachers College, Columbia University Contributions to Education*, No. 358. New York: Bureau of Publications, Teachers College, Columbia University, 1929. 130 p.

²⁵ Manahan, J. L. "A Bibliography of Educational Surveys and Tests," *University of Virginia Record, Extension Series*, Vol. 2, No. 3. Charlottesville, Virginia: University of Virginia, 1916, p. 50-92.

²⁶ Smith, H. L., et al. "Topical Analyses of 234 School Surveys," *Indiana University School of Education Bulletin*, Vol. 3, No. 4. Bloomington: Indiana University, 1927. 111 p.

This publication may be secured from the Indiana University Bookstore, Bloomington, Indiana.

that contain information concerning foundations and other private agencies, and publications issued by them either directly or indirectly. The first of these groups include the following:

Ayers, L. P. *Seven Great Foundations*. New York: Russell Sage Foundation, 1911. 79 p.

A description is given of the seven great educational foundations that the writer considers to be set apart by their financial strength, their non-sectarian nature, their breadth of interest, and the general rules for the administration of funds in their charge. The history of the founding of each of these seven foundations is given and a review made of its activities up to 1911. The principal publications of the Russell Sage Foundation previous to 1911 are listed.

Evans, H. R. "Educational Boards and Foundations, . . ." *U. S. Bureau of Education Bulletins*, 1921, No. 17; 1922, No. 38; 1925, No. 34; 1927, No. 10; 1929, No. 9. Washington: Government Printing Office, 1921, 11 p.; 1922, 11 p.; 1925, 12 p.; 1927, 12 p.; 1929, 12 p.

These five bulletins were issued as advanced reprints from the *Biennial Survey of Education*. In them is found information concerning the work and expenditures of the separate foundations. Names and addresses of the presidents and secretaries of the foundations are given. In the last number fifteen boards and foundations are included, and their activities during the years 1927 and 1928 are briefly summarized.

Jenkins, F. W. "American Foundations," *The Russell Sage Foundation Library Bulletin*, 1924, No. 65. New York: The Russell Sage Foundation Library, 1924. 35 p.

This bulletin gives a brief history of each of the "foundations for social welfare" in existence in America in 1924, together with its plans for future work, where possible, and a description of its publications to date. The booklet is in reality a bibliography of "those official publications that are indicative of work of the various foundations."

Moody, M. O. and Westbrook, E. M. "A Survey of Agencies Working With and For Children," *Research Service Bulletin*, 1929, No. 7. Chicago: The International Council of Religious Education, 1929. 87 p.

This bulletin contains descriptions of 120 organizations in the United States that are interested in the welfare of children, giving the purpose, officers, and publication of each. Among the organizations listed are many special foundations and trust funds for educational purposes.

Wolcott, J. D. "A Handbook of Educational Associations and Foundations in the United States," *U. S. Bureau of Education Bulletin*, 1926, No. 16. Washington: Government Printing Office, 1926. 82 p.

This is a small volume containing certain important facts concerning educational associations and foundations—their purposes, publications, conditions of membership, etc.

As to publications either issued directly or indirectly by foundations, a good account is given in a bulletin²⁷ of the Bureau of Educational Research, University of Illinois. A check list of the current publications of institutions, associations, and foundations is given in the *Education Index* each month. The yearbooks, reports of investigations, surveys, and other published materials of private organizations are usually listed under their names in the library card index.

²⁷ Monroe, W. S., et al. "Ten Years of Educational Research, 1918-1927," *University of Illinois Bulletin*, Vol. 25, No. 51, Bureau of Educational Research Bulletin No. 42. Urbana: University of Illinois, 1928, p. 62-66.

The following may be taken as examples of the publications of educational foundations:

Carnegie Foundation for the Advancement of Teaching, *Bulletin*. New York: The Carnegie Foundation for the Advancement of Teaching. Annually, as a rule. No. 1—1907; No. 24—1929.

These bulletins are compiled under the direction of Henry S. Pritchett, president of Carnegie Foundation. They deal with aspects of higher education, some of the subjects treated being: "Plans of Insurance and Annuities for College Teachers," "Reports on Higher Institutions," "Status of the Professor in America and Germany," and "Studies in Legal Education."

Carnegie Foundation for the Advancement of Teaching, *Annual Reports*. New York: The Carnegie Foundation for the Advancement of Teaching. 1906-date.

In addition to describing the work of the foundation, these reports include discussions of general educational questions, particularly those of the higher educational level, such as the place of the college in American education, and the financial situation in colleges. Reports of special investigations and studies are also included.

General Education Board, *Annual Report*. New York: The General Education Board. Annually. 1915-date. Title varies.

This publication contains the report of the educational and financial activities of the General Education Board. These activities are grouped in the following departments: Colleges and Universities, Medical Education, Legal Education, Art in Industry, and Public Education. The reports indicate the substantial aid given to education within these fields in the United States.

10. Reports of research published by commercial companies.

Occasionally reports of research are published in book form by commercial publishing companies, and in some instances these companies publish a series of such reports. Some examples of this type of material are the following:

Educational Psychology Monographs. Warwick and York, Inc., Baltimore, has published about thirty titles under this series. The monographs are listed by the publishers along with more than two hundred other educational publications in a check list which is revised from time to time.

Educational Research Monographs and Supplementary Educational Research Monographs. These monographs comprise two series of ten and eight volumes respectively. They are fully described and briefly annotated in the current catalog of the publishers, Public School Publishing Company, Bloomington, Illinois.

School Efficiency Monographs, School Efficiency Series, and Educational Survey Series, Measurement and Adjustment Series. These series combined constitute an extensive list of books, many of which are of interest to one who is doing research in education. They are published by the World Book Company, Yonkers-on-Hudson, New York.

11. Sources of historical data. Students of educational history will find valuable original sources in early town records, indentures, tax lists, court records, and newspapers and magazines. Town records must be carefully checked, as they are sometimes contradictory. They

were often kept by clerks who were poorly educated, and the names of persons and places are so frequently misspelled as to cause confusion to the student. Also, the reports of committees and acts of selectmen are sometimes interspersed among the regular records, without full explanation. Thus, the town records need to be read carefully and by one who is capable of interpreting them accurately.

Newspaper articles and advertisements constitute a valuable and until recently unused original source of information. It was by this means that Seybolt²⁸ corrected a great deal of misinformation concerning the colonial evening schools and added many historical facts to the extremely limited supply of dependable knowledge already available on that subject. In a study reported later, Seybolt²⁹ used the same type of sources for obtaining information concerning colonial private schools. When this method of historical study is made possible by the availability of the sources,³⁰ it has the advantage of avoiding the errors to be found in secondary sources, due to misquotations, unwarranted generalizations, insufficient authority, and failure to distinguish fact from opinion or tradition.

A somewhat similar type of historical study is that of determining the trend of educational thought and practice by a study of college and university catalogs and registers and of the courses of study and syllabi of other public and private schools. An example of this is found in Wills³¹ dissertation on the early development of economic theory in the United States. He analyzes the bulletins, catalogs, and other official documents of twenty-two colleges and universities.

Another source of information on historical trends of the curriculum is the analysis and comparison of textbooks. There are now available numerous historical collections of textbooks³² that provide material for this type of study.

The sources discussed above are all of an original nature. It is possible, of course, always to find references to historical materials in any well classified educational bibliography.³³

²⁸ Seybolt, R. F. "The Evening School in Colonial America," *University of Illinois Bulletin*, Vol. 22, No. 31, Bureau of Educational Research Bulletin, No. 24. Urbana: University of Illinois, 1925. 68 p.

²⁹ Seybolt, R. F. "Source Studies in American Colonial Education, The Private School," *University of Illinois Bulletin*, Vol. 23, No. 4. Bureau of Educational Research Bulletin, No. 28. Urbana: University of Illinois, 1925. 109 p.

³⁰ This type of study is greatly assisted by the use of calendars, catalogs, and indexes of the material studied. Some typical aids of this character are the following:

Davis, S. E. "Educational Periodicals During the Nineteenth Century," *U. S. Bureau of Education Bulletin*, 1919, No. 28. Washington: Government Printing Office, 1919, p. 92-125.

U. S. Bureau of Education. "Index to Barnard's American Journal of Education," *Official Circular*, Nos. 1 and 2. Washington: Government Printing Office, June and July, 1867.

U. S. Bureau of Education. "Index to the Reports of the Commissioner of Education, 1867-1907," *Bulletin*, 1909, No. 7. Washington: Government Printing Office, 1909. 103 p.

Nelson, C. A. *Analytical Index to Volumes 1-25 of the Educational Review*, New York: Educational Review Publishing Company, 1904. 218 p.

New York Daily Tribune Index, 1875-1906.

New York Times Index, 1913 to date.

³¹ Wills, E. V. "The Early Development of the Teaching of Economic Theory in the United States," A thesis submitted for the degree of Ph.D. in Education. New York: University of New York, 1923.

³² See pages 17 and 18.

³³ See bibliographies numbered 325 and 585 in Chapter V of this bulletin.

CHAPTER V

BIBLIOGRAPHY OF BIBLIOGRAPHIES

Scope of bibliography. The following bibliography is a revision of the one by Monroe and Asher published as Bulletin No. 36 of the Bureau of Educational Research.¹ In revising this bibliography the present authors have profited by criticisms and suggestions from several sources. Dr. W. W. Carpenter of the University of Missouri kindly made available an elaborate bibliography of bibliographies in the field of school administration. This source yielded a number of new references. John K. Norton, Director of the Research Division, National Education Association, furnished a complete list of bibliographies appearing in publications of the National Education Association. In a few cases, bibliographies in books have been included in the "Bibliography of Bibliographies," but there has been no attempt to make a systematic canvass of such publications. The Teachers College, Columbia University *Contributions to Education* and similar publications were carefully examined. Recent volumes of the *Psychological Bulletin* were examined and references to topics of special interest to the students of education were included.

The bibliography is rather highly selected. It has been the intention of the authors to restrict the references to more important bibliographies. In making the selection it has, of course, been necessary to exercise judgment. Doubtless some of the references included may not prove very helpful and some important references may have been omitted. Naturally it has been impossible to examine the items in the various bibliographies that came to our attention. As a rule the decision to include or reject a particular reference was determined by the number of items in the bibliography, the recency of compilation, and the uniqueness of the topic covered. In a few cases a fairly large number of bibliographies was located for a given topic. When this occurred, a selection was made. In most cases, however, as will be apparent from the topical index, only one or two bibliographies were found. When no other bibliography had been located on a given topic, a reference was included even though the bibliography represented by it did not seem to be particularly important.

Annotations. In the annotations an effort has been made to give information in regard to the following: (1) period covered, (2) type of reference included in the bibliography, (3) degree of completeness, (4) the presence or absence of annotations, (5) scope and organization of the references listed.

¹ Monroe, W. S. and Asher, Ollie. "A Bibliography of Bibliographies," *University of Illinois Bulletin*, Vol. 24, No. 44, Bureau of Educational Research Bulletin No. 36. Urbana: University of Illinois, 1927. 60 p.

In case the period covered by the bibliography was not stated by the author an attempt was made to determine it by noting the extreme dates of the references listed. In some instances this procedure undoubtedly has led to an erroneous conclusion, because frequently dates were not given. In describing the types of sources such terms as the following have been used: "books," "periodicals," "other published materials," "unpublished manuscripts," and the like. When the author of the bibliography made a definite statement in regard to its completeness, this was quoted. In the absence of a statement by the author, an attempt has been made to indicate the degree of completeness but the judgments recorded have not been based upon a checking of the bibliography for this purpose. When a bibliography is described as extensive or reasonably extensive this descriptive term is intended to apply only to the types of sources canvassed by the compilers of the bibliography. We have attempted to indicate the scope of topics covered unless this was clearly indicated by the title of the bibliography.

Organization and topical index. The bibliographies are listed alphabetically by author except where no author was given. These bibliographies are placed by the first significant word in the title. The alphabetical list is supplemented by an extensive topical index in which reference is made by number to the various bibliographies. By referring to this topical index, which begins on page 131, one may obtain a list of the bibliographies that appear to give promise of assisting in the study of a given topic. In preparing the topical index the authors have attempted to list each bibliography under each of the captions for which it gave promise of being helpful. A number of the bibliographies are listed under two or more captions.

BIBLIOGRAPHY

1. **Abel, J. F.** "An Annotated List of Official Publications on Consolidation of Schools and Transportation of Pupils," U. S. Bureau of Education Rural School Leaflet No. 9. Washington: Government Printing Office, 1923. 12 p.
1899-September, 1922; bulletins and pamphlets; approximately ninety references; some briefly but critically annotated; classified according to states, bulletins of the Department of Agriculture, and bulletins of the U. S. Bureau of Education.
2. **Abelson, H. H.** "The Improvement of Intelligence Testing," Teachers College, Columbia University Contributions to Education, No. 321. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 69-71.
1922-1927; books and periodicals; forty-five selected references; no annotations.
3. **Adams, Sidney and Powers, F. F.** "The Psychology of Language," Psychological Bulletin, 26:255-60, May, 1929.
1921-1928; books, periodicals, and other published material; 114 selected

references; no annotations, but referred to by number in the summary on pages 241-55.

4. **Affleck, G. B.** "A Minimum Set of Tentative Physical Standards for Children of School Age," *Pedagogical Seminary*, 27:347-53, 1920.
1887-1919; books, periodicals, bulletins, and other published material; 149 references; no annotations.
5. **Affleck, G. B.**² "Selected Bibliography of Physical Training and Hygiene," *American Physical Education Review*, 33:240-47, 520-32, 610-14; April, October, November, 1928.
1920-1921; books, periodicals, and other published material; selected; no annotations; covers such topics as anthropometry, physical exercise and diagnosis, athletic sports, camps, child welfare, and hygiene
6. **Ainsworth, O. M.** "Milton on Education," *Cornell Studies in English*, XII. New Haven: Yale University Press, 1928, p. 347-55.
1587-1926; books; 173 references; no annotations; classified under: Milton, authors cited or referred to in the tractate, education, and general references.
7. **Alberty, H. B.** "A Study of the Project Method in Education," *Ohio State University Studies, Contributions in Principles of Education No. 2*. Columbus: Ohio State University Press, 1927, p. 108-111.
1902-1927; books, periodicals, and bulletins; seventy-seven references; no annotations; classified according to types of sources.
8. **Alexander, Carter.** "Bibliography on Educational Finance," *The Educational Finance Inquiry*, Vol. 4. New York: Macmillan Company, 1924. 257 p.
1921-January 1, 1923; books, periodicals, other published material, and unpublished manuscripts; complete for usable materials; brief but comprehensive annotations; treats of aids and apportionment, expenditures, higher education, rural-school finance, individual states, etc.
9. **Alexander, U. S.** "Special Legislation Affecting Public Schools," *Teachers College, Columbia University Contributions to Education*, No. 353. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 139-41.
Through 1927; books, periodicals, proceedings of constitutional conventions, statutes, and court reports; extensive; no annotations; classified.
10. **Allen, C. N.** "Studies in Sex Differences," *Psychological Bulletin*, 24:294-304, May, 1927.
1924-1927; books, periodicals, theses, and other published material; seventy-four titles; no annotations, but referred to by number in the review.
11. **Allen, F. J.** *A Guide to the Study of Occupations*. Cambridge: Harvard University Press, 1925. 173 p. (Revised edition).
— 1925; books, periodicals, bulletins, and other published material; an extensive bibliography of vocational literature listed under the nine great groups of occupations as classified by the Federal Census; also a general list of critically annotated source material, pages 104-173.
12. **Allport, G. W.** "Concepts of Trait and Personality," *Psychological Bulletin*, 24:284-93, May, 1927.
1908-1927; books, periodicals, bulletins, and other published material; forty-six references; no annotations, but referred to by number in the review.

² See indexes of earlier volumes of the *American Physical Education Review* for additional bibliographies by Affleck on this subject.

13. **Almack, J. C.** "The Literature and Problems of School Buildings," *Journal of Educational Research*, 12:228-35, 301-10; October, November, 1925.

1905-1924; books, periodicals, bulletins, and other published material; 219 selected references; no annotations; carefully classified under: planning the educational program, determining the need for new buildings, determining the location of new buildings, the utilization of old buildings to the best advantage, financing the building program, the campaign for adopting the program, selecting the architect, planning the building, planning building details, planning the classrooms, planning special rooms, heating and ventilating, artificial lighting, water supply, equipment, safety, and sanitation; each topic is introduced by a paragraph of summary.

14. **American Association for Adult Education.** "Annotated List of References," *Journal of Adult Education*, 1:107-9, February, 1929.

Through 1928; books and pamphlets; forty-four references; annotations.

15. **American Association of University Professors.** "Bibliography of Methods of Increasing the Intellectual Interest and Raising the Intellectual Standards of Undergraduates," *Bulletin*, Vol. 9, No. 8. Easton, Pennsylvania: American Association of University Professors, 1923, p. 385-418.

1900-1922; books, periodicals, bulletins, and yearbooks; 255 selected references; no annotations; classified.

16. **American Association of University Professors.** "The Preceptorial or Tutorial System," *Bulletin*, Vol. 10, No. 7. Easton, Pennsylvania: American Association of University Professors, 1924, p. 534-37.

1899-1924; books, periodicals, bulletins, and other published material; sixty-eight references; no annotations, but referred to by number in the report.

17. **American Association of University Professors.** "The Selection, Retention, and Promotion of Undergraduates," *Bulletin*, Vol. 12, No. 6. Easton, Pennsylvania: American Association of University Professors, 1926, p. 373-89, 470-72.

1898-1925; books, periodicals, bulletins, and other published material; 477 references; no annotations, but some items are referred to by number in the report.

18. **Anderson, E. W.** "The Teacher's Contract and Other Legal Phases of Teacher Status," *Teachers College, Columbia University Contributions to Education*, No. 246. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 169-72.

1908-1926; books, periodicals, state codes, and other published material; about one hundred references; no annotations; classified according to types of sources.

19. **Anderson, W. N.** "Determination of a Spelling Vocabulary Based Upon Written Correspondence," *University of Iowa Studies in Education*, Vol. 2, No. 1. Iowa City: University of Iowa, 1921, p. 63-66.

1877-1921; books, periodicals, theses, and other published material; ninety-six references; no annotations.

20. **Andrews, B. R.** "The Cost of Going to College," *Teachers College Record*, 27:138-41, October, 1925.

1894-1924; books, periodicals, statistics, and unpublished notes; full annotations.

21. "Annotated Chronological Bibliography of Publications by E. L. Thorndike," *Teachers College Record*, 27:466-515, February, 1926. 1898-1925; books, periodicals, and other published material; a few brief annotations.
22. **Association of Collegiate Schools of Business.** "Social Studies in Secondary Schools." Chicago: University of Chicago Press, 1922, p. 64-112. 1879-1919; books, periodicals, and other published material; no annotations; classified as references in the general field of secondary commercial education and references on special subjects in the secondary-school curriculum.
23. **Ayer, F. C.** "Present Status of Instruction in Drawing with Respect to Scientific Investigation," *Eighteenth Yearbook of the National Society for the Study of Education*, Part II. Bloomington, Illinois: Public School Publishing Company, 1919, p. 108-10. 1897-1918; books, periodicals, bulletins, and reports; fifty selected references; a few annotations.
24. **Ayer, F. C. and Barr, A. S.** *The Organization of Supervision.* Chicago: D. Appleton and Company, 1928, p. 375-80. Through 1927; books and periodicals; 159 selected references concerning the specific fields of the organization and administration of supervision in city-school systems; no annotations.
25. **Bain, W. E.** "An Analytical Study of Teaching in Nursery School, Kindergarten, and First Grade," *Teachers College, Columbia University Contributions to Education*, No. 332. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 127-30. 1914-1927; books and periodicals; extensive; no annotations.
26. **Baker, F. N., et al.** *References on School Libraries, 1920-26.* Albany: University of the State of New York Press, 1927. 37 p. 1920-1926; books, periodicals, bibliographies, and other published material; extensive; a few brief annotations; classified as progress and development, elementary-school library, junior high-school library, senior high-school library, normal-school library, rural-school library.
27. **Baker, J. H.** "Report of the Committee of the National Council of Education in Economy of Time in Education," *U. S. Bureau of Education Bulletin*, 1913, No. 38. Washington: Government Printing Office, 1913, p. 93-103. 1891-1912; books, periodicals, and other published material; brief annotations; classified as education waste, shortening vocational training, etc.
28. **Baldwin, B. T.**³ "Child Psychology," *Psychological Bulletin*, 25-629-97, November, 1928. 1923-March, 1928; books, periodicals, bulletins, and other published material; 539 selected references; annotated and classified in the summary on pages 629-70; discussed under: general treatises, psychology of the infant, psychology of the young child, psychology of the adolescent, constancy of the I. Q., mental tests, conditions influencing mental growth, individual differences, racial differences, special aspects of development, child behavior, personality, and mental hygiene.
29. **Baldwin, B. T.** "Educational Research," *U. S. Bureau of Education Bulletin*, 1923, No. 42. Washington: Government Printing Office, 1920, p. 52-76. 1920-1923; books, periodicals, bulletins, and monographs; extensive; classified under eighteen topics; referred to by number in the summary on the preceding pages.

³ In December, 1923, number of the *Psychological Bulletin*, Baldwin reviewed the 1920-1922 literature on "Mental Development of Children." (134 references.)

30. **Baldwin, B. T.** "The Physical Growth of Children from Birth to Maturity," University of Iowa Studies in Child Welfare, Vol. 1, No. 1. Iowa City: University of Iowa, 1921, p. 320-42.
Up to 1921; books and periodicals; 911 titles; annotated; classified.
31. **Baldwin, B. T.** "Physical Growth and School Progress," U. S. Bureau of Education Bulletin, 1914, No. 10. Washington: Government Printing Office, 1914, p. 189-212.
1683-1913; books, periodicals, and other published material; 336 titles; brief and critical annotations; wide scope of material on physical growth and the relation between physical and mental work.
32. **Baldwin, B. T., et al.** "Anatomic Growth of Children," University of Iowa Studies in Child Welfare, Vol. 4, No. 1. Iowa City: University of Iowa, 1928, p. 85-88.
1868-1928; books, periodicals, monographs, and other published material; sixty-five selected references; no annotations.
33. **Baldwin, J. W.** "The Social Studies Laboratory," Teachers College, Columbia University Contributions to Education, No. 371. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 95-98.
1890-1929; books, periodicals, bulletins, and other published material; sixty-seven references; no annotations.
34. **Ball, R. J.** "An Objective Measure of Emotional Instability," Journal of Applied Psychology, 13:255-56, June, 1929.
1912-1928; books, periodicals, monographs, and other published material; twenty-five references; no annotations.
35. **Bancroft, J. H.** The Posture of School Children. New York: Macmillan Company, 1914, p. 311-22.
1850-1914; books, periodicals, and bulletins; 170 references; annotated.
36. **Barber, Zay.** "Objectives as Determining Factors for Making a Course of Study in Junior High School Science," General Science Quarterly, 11:167-8, March, 1927.
1914-1925; books; fifty-two references; no annotations.
37. **Barnhart, E. W., et al.** "Research Studies in Commercial Education," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 442-52.
1922-1928; books, periodicals, and monographs; thirteen detailed reviews of studies, giving problem, methods, and findings for each; two pages devoted to a general summary of findings; pages 440-2 devoted to a review of outstanding committee reports on commercial education.
38. **Barrett, H. E. and Koch, H. L.** "The Effect of Nursery-School Training Upon the Mental-Test Performance of a Group of Orphanage Children," Journal of Genetic Psychology, 37:120-121, March, 1930.
1917-1928; books, periodicals, yearbooks, and other published material; thirty references; no annotations.
39. **Barrows, Alice.** "Bibliography of the Work-Study-Play, or Platoon Plan," U. S. Bureau of Education City School Leaflet, No. 10. Washington: Government Printing Office, 1923. 7 p.
1907-1923; U. S. Bureau of Education publications on the subject, articles, reports, and bulletins "by school officials who have had experience in actually operating work-study-play, or platoon schools," and unpublished manuscripts; very brief annotations; classified under: cities, U. S. Bureau of Education publications, and general articles.

40. **Bartlett, L. W.** "Bibliography on the Professional Growth of Faculty Members," Association of American Colleges Bulletin, 12:275-300, November, 1926.

— 1926; books, periodicals, and other published material; 157 selected references; many annotations; classified under: administrative factors which affect the security and freedom of the faculty member; growth through productive research and recognition of teaching ability; growth through professional service outside the institution and contacts with practical affairs; growth through travel, sabbatical leave, exchange professorships, and fellowships for foreign study; growth through supervision of the work of the staff member; and growth through professional organizations and professional publications.

41. **Barton, J. W.** "Comprehensive Units in Learning Typewriting," Psychological Monographs, Vol. 35, No. 3. Princeton, New Jersey: Psychological Review Company, 1926, p. 46-47.

1913-1924; books, periodicals, and bulletins; thirty-six selected references; no annotations, but referred to by number in the discussion of the monograph; includes practice, memory, laws of learning, and reports of experiments.

42. **Bechtel, H. W.** "A Cumulative Psychological Test Record Card," Educational Method, 9:223, 226, January, 1930.

1907-1925; books, periodicals, and other published material; brief; no annotations.

43. **Beman, L. T.** The Towner-Sterling Bill. (U. S. Department of Education.) Reference Shelf, Vol. 1, No. 5. New York: H. W. Wilson Company, 1922, p. 1-102.

— 1922; books, periodicals, bulletins, congressional records, and proceedings, annotated; classified; refers to selected articles, briefs, bibliographies, debates, and study outlines of timely topics.

44. **Bender, J. F.** "The Functions of Courts in Enforcing School Attendance Laws," Teachers College, Columbia University Contributions to Education, No. 262. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 183-87.

1913-1926; books, periodicals, bulletins, and reports; thirty-seven selected references; annotated.

45. **Bennett, G. V.** "Vocational Education of Junior College Grade," University Research Monographs, No. 6. Baltimore: Warwick and York, Inc., 1928, p. 237-39.

Apparently 1915-1925; books, periodicals, reports, and other published material; forty-six references; no annotations.

46. **Bere, May.** "A Comparative Study of the Mental Capacity of Children of Foreign Parentage," Teachers College, Columbia University Contributions to Education, No. 154. New York: Bureau of Publications, Teachers College, Columbia University, 1924, p. 100-5.

1894-1923; books, periodicals, bulletins, and other published material; 118 references; no annotations, but books are referred to by number in the discussion.

47. **Bills, A. G.** "Inhibition and Facilitation," Psychological Bulletin, 24:473-87, August, 1927.

1921-1927; books, periodicals, bulletins, and other published material; 156 selected references; referred to by number in the review.

48. **Bills, A. G.** "Mental Work," *Psychological Bulletin*, 26:522-26, August, 1929.
1925-1928; books, periodicals, and bulletins; ninety-four selected references; no annotations; summarized on pages 499-522.
49. **Bisch, L. E.** *Clinical Psychology*. Baltimore: Williams and Wilkins, 1925, p. 326-35.
1801-1924; books, monographs, and other published material; about two hundred twenty-five references; no annotations.
50. **Blackhurst, J. H.** *Investigations in the Hygiene of Reading*. Baltimore: Warwick and York, Inc., 1927, p. 62-63.
1886-1918; books and periodicals; twenty-one references; no annotations.
51. **Blake, M. B.** *Guidance for College Women*. New York: D. Appleton and Company, 1926, p. 267-80.
1900-1926, a few earlier; books, periodicals, bulletins, and other published material; about two hundred twenty-five references; no annotations.
52. **Blom, M. C.** *Educational Supervision in Our Catholic Schools*. Washington: Catholic University of America, 1926, p. 84-96.
— 1925; books, periodicals, bulletins, and other published material; 218 references; no annotations.
53. **Bolton, F. E.** *A Selected Bibliography of Books and Monographs on Education*. Olympia, Washington: State Superintendent of Public Instruction, 1921. 103 p.
1900-1920; books and monographs; selected; no annotations; administration and supervision, psychology, history, measurements, methods of teaching, rural education, vocational education, surveys, etc.; limited to elementary and secondary education.
54. "The Books of John Dewey,"⁴ *Journal of the National Education Association*, 18:296, December, 1929.
1887-1929; books; fifty titles; no annotations.
55. **Borden, Fanny.** "A List of References on College and University Government and Administration, 1819-1920," *Vassar College Bulletin*, Vol. 10, No. 3. Poughkeepsie, New York: Vassar College, 1921. 39 p.
1819-1920; books, periodicals, and other published material; no annotations; includes an author and institution index.
56. **Boykin, J. C. and Hood, W. R.** "Legislation and Judicial Decisions Relating to Education," *U. S. Bureau of Education Bulletin*, 1913, No. 55. Washington: Government Printing Office, 1913, p. 287-93.
October 1, 1909-October 1, 1912; books, periodicals, and other published material; not extensive; a few references have very brief annotations; school law, school administration, school funds, teachers, persons, health provisions, etc.
57. **Branegan, G. A.** "Home Economics Teacher Training Under the Smith-Hughes Act, 1917-1927," *Teachers College, Columbia University Contributions to Education*, No. 350. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 157-59.
1909-1928; periodicals, bulletins, reports, and other published material; thirty-seven references; no annotations.

⁴A chronological annotated bibliography of Dewey's writings was prepared by M. H. Thomas and H. W. Schneider of Columbia University and published by the Columbia University Press.

58. **Branom, F. K.** *A Bibliography of Recent Literature on the Teaching of Geography.* Worcester, Massachusetts: Department of Geography, Clark University, 1927. 39 p.

— 1927; books, periodicals, and other published material; extensive; no annotations; classified under: aims in teaching geography; relation of geography to other subjects; the course of study; regional geography; junior high-school geography; senior high-school geography; normal-school and college geography; maps and globes; pictures; observational geography—excursions and museum materials; the sand table, posters and booklets; textbooks and supplementary readers; the class, problems and projects; the topical outline; the type study; the journey lesson; the story lesson; dramatization; the argumentative lesson; tests; addresses and publishers.

59. **Brennan, F. M.** "The Relation Between Musical Capacity and Performance," *Psychological Monographs*, Vol. 36, No. 1. Princeton, New Jersey: Psychological Review Company, 1926, p. 246-48.

1900-1926; books, periodicals, and bulletins; thirty-nine selected references; no annotations; referred to by number in the discussion.

60. **Brewer, J. M.** *Cases in the Administration of Guidance, (General Bibliography).* New York: McGraw-Hill Book Company, Inc., 1929, p. 294-304.

1910-1929; books, periodicals, bulletins, and other published material; about two hundred twenty-five references; no annotations.

61. **Briggs, T. H.** "A Partial Bibliography on Curricula," *Teachers College Record*, 27:205-23, November, 1925.

1915-1925; books, periodicals, and other published material; does not cover courses of study for special subjects; brief annotations, some of which are quoted.

62. **Broady, K. O.** "School Provisions for Individual Differences," *Teachers College, Columbia University Contributions to Education*, No. 395. New York: Bureau of Publications, Teachers College, Columbia University, 1930, p. 98-101.

1919-1928; books, surveys, yearbooks, and other published material; sixty-seven references; no annotations; classified according to types of sources.

63. **Brooks, F. D.** *The Applied Psychology of Reading.* New York: D. Appleton and Company, 1926, p. 255-64.

1880-1922; books and periodicals; 152 references; no annotations.

64. **Brown, E. E.** *The Making of Our Middle Schools: An Account of the Development of Secondary Education in the United States.* New York: Longmans, Green and Company, 1902, p. 481-518.

Up to 1903; books, periodicals, bulletins, reviews, and other published material; elaborate: brief annotations; classified under; general, state and local, individual institutions, biography, and periodicals.

65. **Buchanan, M. A. and MacPhee, E. D.** "An Annotated Bibliography of Modern Language Methodology," *Publications of the American and Canadian Committees on Modern Languages*, Vol. 8. Toronto, Ontario, Canada: University of Toronto Press, 1928. 428 p.

— 1928; books, periodicals, monographs, and other published material; extensive; comprehensive annotations; "an analytical survey of the subject, planned to give in brief compass a review of the best contributions to the science of language learning and teaching." The bibliography is divided into sections, under which items are arranged in chronological order.

66. **Buchner, E. F.** "Educational Surveys," U. S. Bureau of Education Bulletin, 1923, No. 17. Washington: Government Printing Office, 1923, p. 1-44.
1918-1923; surveys; annotated; classified as state surveys and city surveys.
67. **Buckingham, B. R.** (Compiled by Margaret Doherty and Josephine McLatchy.) "Bibliography of Educational and Psychological Tests and Measurements," U. S. Bureau of Education Bulletin, 1923, No. 55. Washington: Government Printing Office, 1923. 233 p.
January 1, 1918-June 30, 1922; books, periodicals, and other published material; no annotations; classified into seven parts: general, references covering particular tests, references concerning the characteristics and uses of tests, uses according to types of schools, a list of tests, supplementary list of more recent tests, and periodicals, including bulletin series, cited in this bibliography.
68. **Buckton, L. V.** "College and University Bands," Teachers College, Columbia University Contributions to Education, No. 374. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 101-2.
1916-1929; books, periodicals, and bulletins; thirty-eight references; no annotations.
69. **Burgess, W. R., Cummings, H. B., and Tomlinson, W. P.** "An Annotated Bibliography of Military Training in the Public School," Teachers College Record, 18:141-60, March, 1917.
1898-1917; books, periodicals, and other published material; selected; brief annotations; general references, military training, mental and moral education, physical education, military preparedness, etc.
70. **Burks, B. S.** "The Relative Influence of Nature and Nurture Upon Mental Development; A Comparative Study of Foster Parent-Foster Child Resemblance and True Parent-True Child Resemblance," Twenty-Seventh Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1928, p. 309-10.
1912-28; books, periodicals, bulletins, pamphlets, and theses; twenty-two selected references; no annotations.
71. **Burks, B. S.** "A Summary of the Literature on the Determiners of the Intelligence Quotient," Twenty-Seventh Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1928, p. 248-350.
1920-1928, a few earlier; books, periodicals, yearbooks, theses, and other published material; 239 references; annotations; classified.
72. **Burnham, W. H.** "The Optimum Temperature for Mental Work," Pedagogical Seminary, 24:70-71, 1917.
1898-1916; books, periodicals, and bulletins; thirty-six references; no annotations.
73. **Burt, H. E.** Principles of Employment Psychology. New York: Houghton Mifflin Company, 1926, p. 527-63.
— 1926; books, periodicals, and other published material; 692 references; no annotations.
74. **Bush, R. H.** The Status of the Summer Schools. Springfield, Illinois: Superintendent of Public Instruction, 1927, p. 68-69.
1910-1926; books, periodicals, bulletins, and other published material; forty-three references; summarized in the study; classified.

75. **Buswell, G. T.**⁵ "Summary of Arithmetic Investigations, 1928," *Elementary School Journal*, 29:691-8, 737-47; May, June, 1929.
1928; books, monographs, reports; fifty-eight titles; annotations in the May number; discussed under several subheads in the June number.
76. **Buswell, G. T. and Judd, C. H.** "Summary of Educational Investigations Relating to Arithmetic," *Supplementary Educational Monograph*, No. 27. Chicago: University of Chicago, 1925, p. 166-205.
1876-1925; books, periodicals, and theses; 320 references; brief annotations; fully summarized under eleven main headings on pages 1-165; topically indexed.
77. **Butterweck, J. S.** "The Problem of Teaching High School Pupils How to Study," *Teachers College, Columbia University Contributions to Education*, No. 237. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 80-83.
Through 1925; books, periodicals, yearbooks, and reports; sixty-seven selected references; no annotations.
78. **Cady, C. B.** "A Selected Bibliography on Music," *Progressive Education*, 4:54, January, February, March, 1927.
No dates given; books, periodicals, and other published material; twenty-two references; no annotations.
79. **Calkins, M. W.** "The Self in Recent Psychology," *Psychological Bulletin*, 24:205-39, April, 1927.
1896-1926; books, periodicals, monographs, and other published material; sixty-five references; no annotations, but referred to in the review.
80. **Carmichael, A. M.** "A Study in Curriculum Construction," *University of Iowa Studies in Education*, Vol. 4, No. 6. Iowa City: University of Iowa, 1928, p. 78-96.
1860-1927; books, periodicals, bulletins, and other published material; 398 references; no annotations; classified under types of sources.
81. **Carr, W. G.** "The Evolution of the Junior High School Textbook in English," *The English Journal*, 16:127-28, February, 1927.
1860-1925; textbooks; twenty-nine references; no annotations.
82. **Carvan, R. S.** "Business Girls, A Study of Their Interests and Problems," *Religious Education Association Monograph No. 3*, 1929. Chicago: Religious Education Association, 1929, p. 87-90.
1924-1929; books, periodicals, and monographs; eighty-three references; a few annotations; classified; mental hygiene, budgets, vocational guidance, and general literature on girls.
83. **Caswell, H. L.** "City School Surveys," *Teachers College, Columbia University Contributions to Education*, No. 358. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 124-30.
To 1929; books, periodicals, and surveys; brief annotations.
84. **Chadwick, Mary.** *Difficulties in Child Development*. New York: John Day Company, 1927, p. 11-16.
Apparently to 1927; books, periodicals, and other published material; about one hundred fifty references; no annotations.

⁵ Since 1925, Buswell has prepared an annual summary of the published investigations relating to arithmetic. These annual summaries supplement a monograph published in 1925 by the Department of Education, University of Chicago, entitled "Summary of Educational Investigations Relating to Arithmetic."

85. **Chamberlain, A. H.** *Bibliography of the Manual Arts.* New York: A. Flanagan Company, 1902. 100 p.

Apparently about 1839-1902; books, periodicals, and other published material; elaborate; a few brief annotations; classified as articles in manual training magazines, methods and practice, titles in foreign languages, periodicals, devoted wholly or in part to the manual arts, etc.

86. **Clark, H. F.** "A Cross-Indexed Bibliography on School Budgets," *Bulletin of the School of Education*, Vol. 2, No. 3. Bloomington: Indiana University, 1926. 66 p.

1906-1926; books, periodicals, and unpublished material; 2,080 references; very brief annotations; covers subject of school budgets—purpose, forms, preparation, voting, execution, control, etc.; the best references are starred.

87. **Clark, M. E., et al.** *Art in Home Economics.* Chicago: University of Chicago Press, 1925. 66 p.

1812-1925; largely since 1912; books; selected; annotated; costume design, history of costume, interior decoration, history of furniture, art principles and art appreciation.

88. **Coale, W. B.** "The Professional Needs of Teachers of English," *Teachers College, Columbia University Contributions to Education*, No. 334. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 80-85.

1902-1928; books, periodicals, bulletins, and other published material; about one hundred references; no annotations; classified under: references which deal with the equipment and the training of English teachers; references which deal with aims, principles, and methods in English teaching; references which deal with the construction of teacher-training curricula.

89. **Cocking, W. D.** "Administrative Procedures in Curriculum Making for Public Schools," *Teachers College, Columbia University Contributions to Education*, No. 329. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 117-20.

1900-1928; books, periodicals, bulletins, and other published material; sixty-eight references; a few brief annotations; classified under: bibliographies of curriculum materials, general references, and magazines and pamphlets.

90. **Cocks, A. W.** "The Pedagogical Value of the True-False Examination," *University Research Monographs*, No. 7. Baltimore: Warwick and York, Inc., 1929, p. 123-25.

1921-1927; books, periodicals, and other published material; forty-five references; no annotations.

91. **Cole, R. D.** *Private Secondary Education for Boys in the United States.* Philadelphia: University of Pennsylvania, 1928, p. 334-42.

1819-1927; books, periodicals, monographs, and other published material; 161 selected references; no annotations; classified according to types of sources.

92. **Colebank, G. H.** "Practice Teaching in the Colleges of the North Central Association," *North Central Association Quarterly*, 3:428-31, December, 1928.

1917-1928; books, periodicals, and other published material; eighty-eight references; no annotations.

93. **Coleman, Algernon, et al.** "Recent Research in the Teaching of Modern Languages," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 363-71.
1926-1928; books, word lists, theses, tests, and reports; fifty-one selected references; very brief annotations; classified; some of the references are reviewed on pages 363-71.
94. **Cook, K. M.** "State Laws and Regulations Governing Teachers' Certificates," U. S. Bureau of Education Bulletin, 1927, No. 19. Washington: Government Printing Office, 1927, p. 37-296.
1927; bulletins, pamphlets, and other published material; tabular listing of legal requirements; a comprehensive treatment of all state requirements by states; annotations in tabular form, giving several types of information for each phase of the subject considered.
95. **Cooley, A. M., et al.** Teaching Home Economics. New York: Macmillan Company, 1925, p. 420-45.
Apparently 1879-1925; books, periodicals, and other published material; extensive; no annotations; classified under types of references.
96. **Cox, P. W. L.** Curriculum-Adjustment in the Secondary School. Philadelphia: J. B. Lippincott Company, 1925, p. 287-306.
1885-1923; books, periodicals, and other published material; selected; elaborate annotations; classified according to the chapters of the book.
97. **Cox, P. W. L.** The Junior High School and Its Curriculum. New York: Charles Scribner's Sons, 1929, p. 443-468.
1915-1929, a few earlier; books, periodicals, bulletins, and other published material; about five hundred references; no annotations; classified.
98. **Crawford, C. C.** The Technique of Research in Education. Los Angeles: University of Southern California, 1928. 306 p.
1910-1928; books, bulletins, and yearbooks; selected; brief annotations; classified by appearing at chapter endings throughout the book. Each of the seventeen chapters is followed by a bibliography of from ten to twenty-five references.
99. **Cronbach, Abraham,** "The Psychology of Religion," Psychological Bulletin, 25:701-19, December, 1928.
1926-1928; books, periodicals, and other published material; 140 references; no annotations; referred to by number in the review on the preceding pages.
100. **Crosland, H. R.** "A Qualitative Analysis of the Process of Forgetting," Psychological Monographs, Vol. 29, No. 1. Princeton, New Jersey: Psychological Review Company, 1921, p. 147-59.
Through 1920; books, periodicals, and bulletins; 217 titles; no annotations; summarized.
101. **Crum, W. L.** "Bibliography," in Rietz, H. L. Handbook of Mathematical Statistics. New York: Houghton Mifflin Company, 1924, p. 195-208.
— 1923; books, periodicals, and other published material; about three hundred references; a few brief annotations.
102. **Cunliffe, R. B.** "A Selected Bibliography of Educational and Vocational Guidance," Twenty-Third Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1924, p. 191-98.
1907-1924; books, bulletins, and other published material; extensive; no annotations; principles and practice of guidance, books intended for student use, books of inspiration, and occupational information.

103. **Curtis, F. D.** *A Digest of Investigations in the Teaching of Science in the Elementary and Secondary Schools.* Philadelphia: P. Blakiston's Son and Company, 1926, p. 342.
1910-1925; books, periodicals, and other published material; seventy studies with a brief statement of the problems involved, the technique employed by the investigator, and a summary of the findings.
104. **Curtis, F. D., et al.** "Research in High School Science," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 344-59.
1924-1928; books, periodicals, bulletins, and theses; seventeen selected reports of research annotated in detail with problem, method, and findings given. On page 359 is an additional list of eighteen selected but unannotated references.
105. **Cushing, H. M.** "A Perseverative Tendency in Pre-School Children—A Study in Personality Differences," *Archives of Psychology*, No. 108. New York: Columbia University, 1929, p. 54-55.
1900-1928; books, periodicals, and other published material; forty-five references; no annotations.
106. **Cushman, Frank.** "List of Publications Found Helpful in Teacher-Training Courses in Industrial Education," *Twenty-Third Yearbook of the National Society for the Study of Education, Part II.* Bloomington, Illinois: Public School Publishing Company, 1924, p. 423-35.
Apparently 1901-1923; books, periodicals, and other published material; 233 selected references; no annotations; wide scope of material; includes discussion of women in industry as well as serving as a guide to the study of occupations.
107. **Dallenbach, K. M.** "Attention," *Psychological Bulletin*, 23:17-18, 25:511-12; January, 1926; September, 1928.
1922-1928; books and periodicals; selected references; referred to by number on the preceding pages.
108. **Dansdill, Theresa.** *Health Training in Schools.* New York: National Tuberculosis Association, 1923, p. 385-401.
Up to 1925; books, periodicals, and bulletins; extensive; no annotations; classified under: air, cleanliness, exercise, helpfulness, knighthood, mental hygiene, nutrition, physical education, posture, etc.
109. **Darrow, C. W.** "Psychological Effects of Drugs," *Psychological Bulletin*, 26:527-45, August, 1929.
1915-1929; books, periodicals, bulletins, and other published material; 154 references; no annotations, but referred to by number in the review.
110. **Darrow, C. W.** "Some Physiological Conditions of Efficiency," *Psychological Bulletin*, 24:488-505, August, 1927.
1916-1926; books, periodicals, bulletins, and other published material; 156 selected references; annotated, classified, and summarized on pages 488-98; considers effects of drugs, internal secretions, diet, hunger, sleep, atmospheric conditions, and bodily chemistry.
111. **Davis, G. P.** "What Shall the Public Schools Do for the Feeble-Minded?" *Harvard Studies in Education*, Vol. 10. Cambridge: Harvard University Press, 1927, p. 222-25.
Apparently, 1917-1926; books, periodicals, bulletins, and other published material; seventy-five references; no annotations.

112. **Davis, M. D.** "Some Phases of Nursery-Kindergarten-Primary Education, 1926-1928," U. S. Bureau of Education Bulletin, 1929, No. 29. Washington: Government Printing Office, 1929, p. 23-24.
1927-1928; books, periodicals, and other published materials; twenty-four references; no annotations; classified under: enriched environment, children's introduction to reading, reconstruction of report cards, and nursery-school and parent education.
113. **Dawson, H. A.** "Standards of Expenditures for the Principal Items of City School Costs," George Peabody College for Teachers Contributions to Education, No. 31. Nashville, Tennessee: George Peabody College for Teachers, 1927, p. 135-37.
— 1926; books, periodicals, bulletins, and other published material; fifty-one references; no annotations; classified.
114. **Day, M. B., Arrowsmith, M. N., and Stevenson, Idabelle.** "An Annotated Bibliography on Safety Education," Twenty-Fifth Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1926, p. 355-66.
1918-1925; a few dates as early as 1913; books, periodicals, other published material, and unpublished manuscripts; very brief annotations; the safety movement, courses of study and textbooks, illustrative materials, and description of local experiments.
115. **Dearborn, N. H.** "The Oswego Movement in American Education," Teachers College, Columbia University Contributions to Education, No. 183. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 109-18.
Apparently to 1925; books, periodicals, pamphlets, and other published material; extensive; many brief annotations; classified under types of sources.
116. **Dearborn, W. F.** Intelligence Tests. New York: Houghton Mifflin Company, 1928, p. 317-27.
1883-1926; books, periodicals, bulletins, and other published material; extensive; no annotations.
117. **Denworth, K. M.** "The Effect of School Attendance on Mental and Educational Ages," The Twenty-Seventh Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1928, p. 90.
1921-1928; books, periodicals, and circulars; sixteen selected references; no annotations.
118. **Doermann, H. J.** The Orientation of College Freshman. Baltimore: Williams and Wilkins Company, 1926, p. 148-58.
1902-1926; books, periodicals, bulletins, and other published material; 209 references; no annotations.
119. **Douglas, H. R.** "A Summary of the Experimental Data on Certain Phases of Memory," Pedagogical Seminary, 34:92-117, March, 1927.
1885-1923; books, periodicals, reports of investigations, and other published material; forty titles; annotated and summarized under such problems as the most economical unit for learning, the influence of various effective factors, the most favorable distribution of practice, the influence of interpolated activity, the relation between degree of learning and retention, and the relation between the relative ease of learning and permanence.
120. **Downey, J. E.** "Right and Left Handedness," Psychological Bulletin, 21:602-4, September, 1924.
1916-1920; books, periodicals, and bulletins; twenty-eight references; no annotations; summarized on pages 595-602.

121. **Dyer, A. R.** "The Administration of Home Economics in City Schools," Teachers College, Columbia University Contributions to Education, No. 318. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 134-43.
1922-1927; selected from 164 books, 82 bulletins, 115 reports and year-books, 22 theses, 116 surveys, 750 articles, 240 news bulletins, 156 courses of study; no annotations; classified.
122. **Dyer, A. R., et al.** "Research Studies in Home Economics," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 408-15.
1926-1928; books, bulletins, and theses; fourteen selected studies reviewed in detail with methods and findings; a summary of findings is given on page 416; pages 406-8 give reviews of six outstanding committee reports dealing with home economics and refer to fourteen others.
123. **Dyer, W. P.** "Activities of the Elementary School Principal for the Improvement of Instruction," Teachers College, Columbia University Contributions to Education, No. 274. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 93-102.
1917-1927; books, periodicals, and other published material; selected; no annotations; classified as books and articles; treats on procedure, activities, influence, program, etc.
124. **Edgerton, A. H., et al.** "Studies in Senior High School Industrial Subjects," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 429-34.
1920-1928; books and periodicals; seven studies reviewed in detail and a selected bibliography of twenty-one additional references that are not annotated.
125. **Edmonson, J. B., Bow, W. E., and Tassell, I. V.** "The Daily Schedule in the High School," U. S. Bureau of Education Bulletin, 1924, No. 15. Washington: Government Printing Office, 1924, p. 16-17.
1917-1923; books and periodicals; brief; full annotations.
126. **Edwards, I. N.** "Where and How to Find the Law Relating to Public School Administration," Elementary School Journal, 27:14-24, September, 1926.
1926; legislative documents; annotated in summary on pages 17-24.
127. **Eikenberry, D. H.** "Status of the High School Principal," U. S. Bureau of Education Bulletin, 1925, No. 24. Washington: Government Printing Office, 1926, p. 69-70.
1903-1923; books, periodicals, and other published material; thirty-six references; no annotations; covers salaries, training in the United States and foreign countries, function of the high-school principal, etc.
128. **Eikenberry, W. L.** "Bibliography of General Science," General Science Quarterly, 1:146-52, March, 1917.
Through 1916; periodicals; no annotations.
129. **Elliott, Ruth.** "The Organization of Professional Training in Physical Education in State Universities," Teachers College, Columbia University Contributions to Education, No. 268. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 65-67.
1885-1927; books, periodicals, bulletins, and other published material; forty-nine references; no annotations.

130. **Elsom, J. C. and Trilling, B. M.** *Social Games and Group Dances.* Philadelphia: J. B. Lippincott Company, 1919, p. 255-58.
1865-1919; books; sixty-seven references; no annotations; classified as books containing music and descriptions of dances, the history and philosophy of dances, and singing games.
131. **Emmons, F. E.** "City School Attendance Service," Teachers College, Columbia University Contributions to Education, No. 200. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 161-69.
1890-1925; books, periodicals, and bulletins; 154 references; no annotations.
132. **Engelhardt, N. L. and Engelhardt, Fred.** *Public-School Business Administration.* New York: Bureau of Publications, Teachers College, Columbia University, 1927. 1067 p.
1920-1927, a few earlier; books, periodicals, and survey reports; extensive; carefully selected; no annotations; classified by being placed at the ends of chapters.
133. **Engelhardt, N. L., Ganders, H. S., and Riefing, Jeannette.** "Bibliography of School Records and Reports," Teachers College Record, 26:765-81, May, 1925.
1908-1925; books, periodicals, and other published material; very extensive; very brief but helpful annotations; records and reports, recommended systems and forms for village and rural schools, criticisms, annual reports, financial records, studies, activities, accounts, report cards, etc.
134. **Espenshade, M. E.** "Junior High School Vocational Literature," Chicago Schools Journal, 11:13-16, 54-56; September, October, 1928.
— 1928; books, periodicals, bulletins, and other published material; about one hundred references; annotations; classified.
135. **Evans, H. R.** "Bibliography of Industrial, Vocation, and Trade Education," U. S. Bureau of Education Bulletin, 1913, No. 22. Washington: Government Printing Office, 1913. 92 p.
1902-1913; books, periodicals, and other published material; 885 references; most of references given have annotations, some quite elaborate; wide range of material; classified as industrial education in foreign countries, associations, legislation, training of teachers, Y. M. C. A. work, continuation schools, college entrance requirements, etc.
136. **Eversull, F. L.** "Week-Day Religious Education," Fifth Yearbook, Department of Elementary School Principals. Washington: National Education Association, 1926, p. 287-303.
1915-1925; books and periodicals; thirty-six references; classified as general texts, articles on religious education, and International Journal of Religious Education; the sixteen references listed under general texts are briefly annotated.
137. **Ewing, W. F., et al.** "Bibliography on the Junior College, Recent and Selected," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 265.
1926-1928; books, periodicals, and yearbooks; fifteen selected references; no annotations.
138. **Farley, B. M.** "What to Tell the People About the Public Schools," Teachers College, Columbia University Contributions to Education, No. 355. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 135-36.
1911-1928; books and periodicals; selected; no annotations; classified as educational publicity, commercial publicity, and miscellaneous.

139. **Farnsworth, P. R.** "The Effects of Nature and Nurture on Musicality," *Twenty-Seventh Yearbook of the National Society for the Study of Education, Part II*. Bloomington, Illinois: Public School Publishing Company, 1928, p. 246.
Up to 1928; books, periodicals, and monographs; selected; no annotations.
140. **Fearing, Franklin.** "Psychological Studies of Historical Personalities," *Psychological Bulletin*, 24:521-39, September, 1927.
1912-1926; books and periodicals; forty-one selected references; annotated and summarized on pages 521-36.
141. **Ferguson, A. W.** "Professional Staff of State Departments of Education," *U. S. Bureau of Education Bulletin*, 1925, No. 17. Washington: Government Printing Office, 1925, p. 59-64.
1900-1924; books, periodicals, and bulletins; selected; no annotations; classified as primary and secondary sources.
142. **Finley, C. W.** "Biology in Secondary Schools and the Training of Biology Teachers," *Teachers College, Columbia University Contributions to Education*, No. 199. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 69-74.
1848-1925; books, periodicals, and other published material; 130 references; no annotations.
143. **Fitts, C. T. and Swift, F. H.** "The Construction of Orientation Courses for College Freshmen," *University of California Publications in Education*, Vol. 2, No. 3. Berkeley: University of California Press, 1928, p. 242-50.
1902-1927; books, periodicals, bulletins, and other published material; 193 references; no annotations; classified according to types of sources.
144. **Flemming, C. W.** "A Detailed Analysis of Achievement in the High School," *Teachers College, Columbia University Contributions to Education*, No. 196. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 193-99.
1901-1924; books, periodicals, and other published material; 128 references; no annotations.
145. **Foberg, J. A., et al.** "Bibliography on General Science," *Fifth Yearbook, Department of Superintendence*. Washington: National Education Association, 1927, p. 152-66, 178-81.
1916-1927; books, theses, articles; a wide selection; no annotations; on pages 151-66, F. D. Curtis reviews in detail twenty-seven research studies in the field of general science.
146. **Foran, T. G.** "The Measurement of Ability in Spelling," *Catholic University of America, Educational Research Bulletin*, Vol. 1, No. 2. Washington: Catholic Education Press, 1925, p. 34-37.
1897-1924; books, periodicals, and other published material; forty-six references; no annotations; classified under vocabulary studies and references to spelling measurements; the most important references are starred.
147. **Foran, T. G.** "Measurements in the Fundamentals of Arithmetic," *Catholic University of America, Educational Research Bulletin*, Vol. 1, No. 5. Washington: Catholic Education Press, 1925, p. 28-31.
1909-1925; periodicals, bulletins, and other published material; sixty-four references; no annotations.

148. **Ford, W. S.** "Some Administrative Problems of the High School Cafeteria," Teachers College, Columbia University Contributions to Education, No. 238. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 124-26.
1905-1925; books, periodicals, and bulletins; thirty-eight selected references; no annotations.
149. **Foster, H. H.** *High School Administration*. New York: Century Company, 1928, p. 551-612.
Apparently to 1928; books, periodicals, and other published material; very extensive; no annotations; classified under: administrative ideals and aims; fundamental principles of administration; the high school principalship; the staff; personnel of the student body; physical, vocational, and social needs; determining and providing for intellectual endowment; determining and providing for academic achievement; the curriculum; supervision of classroom teaching; special types of school work; the daily program; training the student body; the school life of the student body; the nonconforming pupil; problems of management; finances, records, and reports; external relationships of the high school; the small high school.
150. **Foster, W. T.** *Administration of the College Curriculum*. Boston: Houghton Mifflin Company, 1911, p. 341-50.
1754-1910; books, periodicals, and other published material; not very extensive; no annotations; classified as historical, critical, and various phases of administration of the college curriculum.
151. **Fowlkes, J. G. and Carlile, A. B.** "Bibliography on School Buildings," Bureau of Educational Research Bulletin No. 6. Madison: University of Wisconsin, 1925. 76 p.
1905-1925; books, periodicals, and other published material; 477 references; most of the references have annotations; classified under: school buildings—general, elementary, high, normal, and special institutions, rural and consolidated, heating, ventilating, and lighting.
152. **Freemen, F. N.** "Principles of Method in Teaching Writing as Derived from Scientific Investigations," Eighteenth Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1919, p. 24-25.
1891-1918; books, periodicals, bulletins, and yearbooks; twenty-two selected references; no annotations.
153. **Fretwell, E. K.** "Extra-Curricular Activities of Secondary Schools," *Teachers College Record*; 24:60-70, 147-58, January and March, 1923; 25:61-69, January, 1924; 26:59-73, September, 1924; 27:901-29, June, 1926.
1899-1926; books, periodicals, and other published material; very extensive; brief annotations with most references; some classification.
154. **Fretwell, E. K.** "Extra-Curricular Activities of Secondary Schools, Bibliographies on School Clubs and Debating," *Teachers College Record*, 28:1018-34, June, 1927.
1898-1926; books, periodicals, yearbooks, and surveys; 63 references on school clubs, 135 references on debating; references for school clubs are briefly annotated, others are not; arranged by years under debating.
155. **Fritz, R. A.** "An Evaluation of Two Special Purposes of Junior High School: Economy of Time and Bridging the Gap," *University of Iowa Studies in Education*, Vol. 14, No. 5. Iowa City: University of Iowa, 1928, p. 78-80.
1907-1927; books, periodicals, bulletins, and other publications; forty-nine references; no annotations.

156. **Froemming, A. H.** "Bibliography of Character Tests and Measurements," *Journal of Educational Research*, 16:223-26, October, 1927.
1908-1926; books and periodicals; seventy-four references; a few brief annotations.
157. **Furfey, P. H.** *The Gang Age*. New York: Macmillan Company, 1926, p. 161-84.
— 1925; books, periodicals, bulletins, and other published material; about three hundred seventy-five references; no annotations.
158. **Furfey, P. H.** "A Selected Bibliography on Child Development," *Catholic University of America Educational Research Bulletin*, Vol. 4, No. 4. Washington: Catholic Education Press, April, 1929, p. 6-15.
1900-1928; books, periodicals, bulletins, and other published material; 265 selected references, both English and foreign; brief annotations; classified under: physical growth, anatomical and physiological age, intelligence, curve of mental growth, constancy of I. Q., speech, relation of physical to mental growth, developmental age, psychology of childhood, infancy, pre-school child, the school period and adolescence.
159. **Furfey, P. H.** "Tests for the Measurement of Non-Intellectual Traits," *Catholic University of America Educational Research Bulletin*, Vol. 3, No. 8. Washington: Catholic Education Press, 1928, p. 24-35.
1910-1928; books, periodicals, and monographs; selected; brief annotations; includes tests of character traits, professional attitudes, interest, will-temperament, sociability, etc.
160. **Gary, Indiana, Board of Education.** "Publications Concerning the Gary Schools—Bibliography." Gary, Indiana: Board of Education, 1915. 10 p.
1912-1915; books, reports, and other published material; brief annotations.
161. **Gittings, I. E.** "Mental and Physical Traits in College Women," *American Physical Education Review*, 32:569-83, October, 1927, p. 583.
1901-1924; books, periodicals, and bulletins; twenty-eight references; no annotations; classified.
162. **Gleim, S. C.** "The Visiting Teacher," *U. S. Bureau of Education Bulletin*, 1921, No. 10. Washington: Government Printing Office, 1921, p. 18-23.
1849-1920; books, periodicals, and other published material; not extensive; some references have brief annotations; covers visiting teacher, home work, parent-teacher associations, etc.
163. **Glenn, E. R. and Walker, Josephine.** "Bibliography of Science Teaching in Secondary Schools," *U. S. Bureau of Education Bulletin*, 1925, No. 13. Washington: Government Printing Office, 1925. 161 p.
1893-1925; periodicals, bulletins, and dissertations; no annotations; includes list of titles bearing on teaching of general science, biology, chemistry, and physics.
164. **Good, C. V.** "An Analysis of Studies in Educational Theory," *Educational Administration and Supervision*, 15:528-48, October, 1929.
1918-1928; books, theses, reports, yearbooks, and monographs; 417 titles; no annotations.
165. **Good, C. V.** "Bibliography on College Teaching with Special Emphasis on Methods of Teaching," *Sixteenth Yearbook of the Na-*

tional Society of College Teachers of Education. Chicago: University of Chicago Press, 1928, p. 66-95.

1920-1928; books, periodicals, and other published materials; 245 selected references; brief annotations; general analyses and discussions of college teachers and teaching, research problems, teachers colleges, liberal-arts colleges, general methods of teaching, special methods, individualization of instruction, etc.; provided with a topical index of nine main headings, with numerous subheads.

166. **Good, C. V.** "Selected Bibliography of Books, Monographs, and Bulletins on Conducting and Reporting Educational Research," Appendix in *How to Do Research in Education*. Baltimore: Warwick and York, Inc., 1928, p. 275-78.

1910-1928; books, periodicals, bulletins, and monographs; selected; no annotations; many references are also given throughout the book.

167. **Good, C. V.** *Teaching in College and University*. Baltimore: Warwick and York, Inc., 1929, p. 436-519.

Up to June, 1929; books, periodicals, bulletins, addresses, and other published material; very extensive; classified under twelve subject groups; cross reference index; additional bibliographies at chapter endings.

168. **Goodenough, F. L.** "Studies in the Psychology of Children's Drawings," *Psychological Bulletin*, 25:272-83, May, 1928.

1895-1928; books, periodicals, bulletins, and other published material; 110 selected references; annotated, classified and summarized on pages 272-79; studies in the educational psychology of drawing, special talents, and index of interests are included in the discussion.

169. **Gosling, T. W., et al.** "Research Studies in Junior High School English," Fifth Yearbook, Department of Superintendence. Washington: National Education Association, 1927, p. 89-99.

1918-1927; books, periodicals, and yearbooks; thirty-five selected studies reviewed in detail; full annotations; classified; the remainder of the chapter is devoted to the tentative conclusions and recommendations based on the findings of these studies.

170. **Grant, J. R.** "A Child's Vocabulary and Its Growth," *Pedagogical Seminary*, 22:202-3, 1915.

1886-1915; books and periodicals; fifty-two references; no annotations; classified under magazine articles and books.

171. **Gray, M. D., et al.** "Bibliography on Research in the Classics," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 380-2.

1918-1928; books, periodicals, and reports; fifty-six references; no annotations; contains many references found in the General Report of the Classical Investigation and some that have appeared since.

172. **Gray, W. S.** "Principles of Method in Teaching Reading as Derived from Scientific Investigations," Eighteenth Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1919, p. 50-51.

1910-1918; books, periodicals, bulletins, monographs, and theses; thirty-five selected references; no annotations.

173. **Gray, W. S.**⁶ "Summary of Reading Investigations (July 1, 1928, to June 30, 1929)," *Elementary School Journal*, 30:450-66, 496-508; February, March, 1930.

1928-1929; books, periodicals, and other publications; 113 references; annotations.

⁶ "Five summaries of a similar character have been published. The first appeared as No. 28 of the *Supplementary Educational Monographs*, published by the Department of Education, the University of Chicago. The four remaining summaries were printed in issues of the *Elementary School Journal* from 1926-1929, inclusive."

174. **Gray, W. S.** "Summary of Investigations Relating to Reading," Supplementary Educational Monographs, No. 28. Chicago: University of Chicago, 1925. 275 p.
1884-1924; books, periodicals, and bulletins; 436 references; brief annotations; reviewed also in the summary.
175. **Gray, W. S. and Munroe, Ruth.** *The Reading Interests and Habits of Adults.* New York: Macmillan Company, 1929, p. 275-98.
1889-1928; books, periodicals, bulletins, and other published material; 150 references; brief annotations.
176. **Gray, W. S., et al.** "Bibliography of Scientific Studies in Current Educational Readjustments in Higher Institutions," Seventeenth Yearbook of the National Society of College Teachers of Education. Chicago: University of Chicago Press, 1929, p. 151-59.
1924-1928; books, periodicals, bulletins, and yearbooks; 114 selected references; no annotations.
177. **Greer, Sarah.** *A Bibliography of Public Administration.* New York: National Institute of Public Administration, 1926, p. 221-38.
1915-1926; books, periodicals, and other published material; selected list containing several bibliographies; brief annotations; classified under: references, treatises, surveys, statistics, special classes, rural, Gary system, buildings, guidance, tests and measurements, motion pictures, lunch service, salaries and pensions, finance, and libraries.
178. **Grizzell, E. D.** *Origin and Development of the High School in New England before 1865.* New York: Macmillan Company, 1923, p. 366-409.
Up to 1922; books, bulletins, reports, catalogs, codes, and other published material; extensive; no annotations; classified.
179. **Grogan, J. L.** "An Annotated Bibliography on Teacher Training for Secondary Schools," *North Central Association Quarterly*, 3:344-53, December, 1928.
1907-1927; books, periodicals, and other published material; 105 references; carefully annotated; classified under junior high schools and high schools in general.
180. **Guilford, J. P. and Braly, K. W.** "Extroversion and Introversion," *Psychological Bulletin*, 27:96-107, February, 1930.
1890-1929; books, periodicals, and other published material; fifty-three references; referred to by number in the discussion on the preceding pages.
181. **Hadley, Theodosia.** "Bibliography Suggested as Helpful in the Teaching of Nature Study," *Childhood Education*, 6:313-15, 357-61; March, April, 1930.
1900-1929; books; 125 references; a few very brief annotations; classified under: stories of animals; physical nature study; bibliography of stars; bibliography of weather; bibliography of flowers; bibliography of birds; bibliography of insects; bibliography of lichens, mosses, ferns; spiders; and trees.
182. **Haefuer, Ralph.** "The Educational Significance of Left Handedness," *Teachers College, Columbia University Contributions to Education*, No. 360. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 81-84.
Up to 1929; books, periodicals, monographs, and other published material; eighty-four references; no annotations.

183. **Hall-Quest, A. L.** *The University Afield.* New York: Macmillan Company, 1926, p. 275-85.
Apparently to 1926; books, periodicals, bulletins, and other published material; about one hundred seventy-five references; no annotations.
184. **Halsey, H. R.** "Borrowing Money for the Public Schools," *Teachers College, Columbia University Contributions to Education*, No. 368. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 115-27.
1833-1928; books, periodicals, reports, and other published material; extensive; a few annotations.
185. **Hamilton, O. T.** "The Courts and the Curriculum," *Teachers College, Columbia University Contributions to Education*, No. 250. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 165-68.
1770-1926; books, periodicals, and bulletins; seventy-five references; no annotations; considers religious education, sex education, and other phases of the legal status of the curriculum.
186. **Hansen, A. O.** *Liberalism and American Education in the Eighteenth Century.* New York: Macmillan Company, 1926, p. 265-96.
Through 1925; books, bulletins, documents, letters, essays, and other published material; annotated; chronologically arranged beginning with 1721; secondary sources are classified under: political, social and economic theory, nationalism, and education; primary sources are listed on pages 265-92.
187. **Harap, Henry.** *The Education of the Consumer: A Study in Curriculum Material.* New York: Macmillan Company, 1924, p. 335-53.
1789-1924; books, periodicals, and other published material; selected; no annotations; bibliographies, food consumption, food purchase and use, housing, household skills, fuel consumption, and clothing consumption.
188. **Harap, Henry.** *The Technique of Curriculum Making.* New York: Macmillan Company, 1928, p. 281-93.
1906-1926; books, periodicals, bulletins, and other published material; 167 references; a few brief annotations; classified under: bibliographies on curriculum making, general works, activity curricula, adapting the curriculum to individual differences, the composition of the curriculum committee, grade placement, history of curriculum making, objectives of the curriculum, principles of curriculum making, and technique of curriculum making.
189. **Hartshorne, Hugh and May, M. A.** "Bibliography of Methods of Detecting and Measuring Deceit," in *Studies in Deceit*, Book II. New York: Macmillan Company, 1928, p. 245-48.
1902-1927; periodicals, monographs, and other published material; forty-eight references; no annotations.
190. **Hartson, L. D., Brentlinger, W. H., and Toops, H. A.** "The College Student and His Vocation, A Selected Bibliography," *Ohio College Association Bulletin*, No. 37. Columbus: Ohio State University, 1927. 17 p. (Mimeographed.)
1911-1928; books, periodicals, bulletins, theses, reports of vocational conferences, publications of National Research Council, and other published material; selected; some references have brief annotations; "Part I lists sources of information concerning the vocational counseling movement. Part II lists monographs describing the vocations in which college graduates are most apt to find employment."

191. **Hawkes, E. J.** *Social Training as a Curriculum Problem.* Philadelphia: University of Pennsylvania, 1927, p. 103-5.
1906-1926; books, periodicals, and proceedings; thirty-six references; annotations.
192. **Heaton, K. L.** *Character Building Through Recreation.* Chicago: University of Chicago Press, 1929, p. 217-28.
1910-1928; books, periodicals, and other published material; 138 references; no annotations; classified under: theories and values of recreation; education and other related fields; leadership, publicity, etc.; games, parties, programs, etc.; folk dances and rhythm play; music and worship material; drama and pageantry; story-telling and reading; movies; clubs for boys and girls; recreations of the out-of-doors; athletics and gymnastics.
193. **Heck, A. O.** "A Study of Child Accounting Records," *University Studies*, Vol. 2, No. 9, Bureau of Educational Research Monograph No. 2. Columbus: Ohio State University, 1925, p. 240-45.
1908-1924; books and periodicals; very extensive; no annotations; classified as books and articles from periodicals.
194. **Henmon, V. A. C.**⁷ "Educational Psychology," *Psychological Bulletin*, 26:447-56, July, 1929.
1927-1929; books, periodicals, bulletins, articles, and other published material, American and foreign; 217 selected references; no annotations; summarized by reference number on pages 445-47.
195. **Henry, T. W.** "Annotated Bibliography on Gifted Children and Their Education," *Twenty-Third Yearbook of the National Society for the Study of Education, Part I.* Bloomington, Illinois: Public School Publishing Company, 1924, p. 389-443.
1910-1924, some dates as early as 1898; books, periodicals, and other published material; over 450 titles; brief annotations.
196. **Herring, J. P.** "Bibliography of the Project Method," *Teachers College Record*, 21:150-74, March, 1920.
1902-1920; books, periodicals, other published material, and unpublished manuscripts; about one hundred seventy-four titles; brief annotations, some of which are critical.
197. **Herriott, M. E.** "Attitudes as Factors of Scholastic Success," *University of Illinois Bulletin*, Vol. 27, No. 2, Bureau of Educational Research Bulletin No. 47. Urbana: University of Illinois, 1929, p. 55-60.
1896-1928; books, periodicals, bulletins, theses, and other published material; 110 references; no annotations; classified.
198. **Herriott, M. E.** "How to Make a Course of Study in Arithmetic," *University of Illinois Bulletin*, Vol. 23, No. 6, Bureau of Educational Research Circular No. 37. Urbana: University of Illinois, 1925, p. 45-50.
1913-1925; books, bulletins, monographs, and other published material; thirty-eight references; brief annotations; classified under: general references on curriculum and course-of-study making, methods of teaching arithmetic, courses of study in arithmetic, testing and standards of achievement, and reports of investigations and miscellaneous references.

⁷ Beginning in 1926, Henmon has in the July issue of the *Psychological Bulletin* each year reviewed the literature on educational psychology for the preceding year. In 1926 the review covered the years, 1923-1925.

199. **Herriott, M. E.** "How to Make a Course of Study in Reading," University of Illinois Bulletin, Vol. 23, No. 18, Bureau of Educational Research Circular No. 42. Urbana: University of Illinois, 1926, p. 28-37.

1908-1925; books, periodicals, and other published material; sixty-seven selected references; brief annotations; classified under: general references on curriculum and course-of-study making, methods of teaching reading, courses of study in reading, testing and standards of achievement, and reports of investigations and miscellaneous references.

200. **Herriott, M. E.** "How to Make Courses of Study in the Social Sciences," University of Illinois Bulletin, Vol. 24, No. 5, Bureau of Educational Research Circular No. 46. Urbana: University of Illinois, 1926, p. 42-52.

1902-1926; books, periodicals, bulletins, and other published material; eighty-six references; annotations; classified under: general references on curriculum and course-of-study making, methods of teaching, courses of study, testing and standards of achievement, reports on investigations and miscellaneous references.

201. **Hildreth, G. H.** "The Resemblance of Siblings in Intelligence and Achievement," Teachers College, Columbia University Contributions to Education, No. 186. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 64-65.

1867-1925; books, periodicals, theses, and other published material; forty references; no annotations.

202. **Hill, R. C.** "Secret Societies in High Schools," Educational Review, 43:191-92, February, 1912.

1905-1912; periodicals; twenty-five references; no annotations; deals with topics on secret fraternities, court decisions, etc.

203. **Hines, L. T.** "The Business Management of Student Activities," Teachers College Journal, 1:8-9, September, 1929.

— 1928; books, periodicals, bulletins, and other published material; twenty-nine references; no annotations; abstracts to five other articles are given.

204. **Hockett, J. A.** "The Literature of Curriculum-Making: A Selected and Annotated Bibliography," Twenty-Sixth Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1926, p. 449-75.

1900-1926; books, periodicals, and other published material; 105 references included; quite inclusive annotations; curriculum making and general problems, technique, descriptions of experimental curriculum making, scientific investigations and curriculum studies in subject fields, historical development, etc.

205. **Holley, C. E.** "The Relationship Between Persistence in School and Home Conditions," Fifteenth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1916, p. 112-19.

1898-1914; books, periodicals, and other material; most references have annotations; retardation and elimination, truancy and delinquency, and other references.

206. **Hollingshead, A. D.** "An Evaluation of the Use of Certain Educational and Mental Measurements for Purposes of Classification," Teachers College, Columbia University Contributions to Education,

- No. 302. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 55-63.
1914-1927; books, periodicals, bulletins, and other published material; 154 references; no annotations.
207. **Hollingsworth, H. L.** *Vocational Psychology and Character Analysis.* New York: D. Appleton and Company, 1929, p. 387-404.
1914-1928; books and periodicals; extensive; no annotations; classified under the twenty chapter headings.
208. **Horgan, F. J.** "Selected List of References on the Social Studies," Fifth Yearbook, Department of Superintendence. Washington: National Education Association, 1927, p. 289-90.
1921-1926; books and periodicals; sixty-three references; no annotations; classified as to types of sources.
209. **Horn, Ernest.** "Principles of Method in Teaching Spelling as Derived from Scientific Investigations," Eighteenth Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1919, p. 73-77.
1900-1918; books, periodicals, bulletins, theses, reports, and other published material; 133 selected references; no annotations.
210. **Horn, Ernest, et al.** "What Words Are Most Frequently Written in Life Outside of the School?" Third Yearbook, Department of Superintendence. Washington: National Education Association, 1925, p. 111-51.
1915-1925; books, periodicals, bulletins, and yearbooks; thirty-two selected references; full annotations.
211. **Horton, Marion.** "References on High School Libraries," *Library Journal*, 46:451-54, May 15, 1921.
1900-1920; books, periodicals, and bulletins; some annotations; classified as: bibliographies, library in the high school, budget, plan and equipment, administration, management, book selection, pictures, pamphlets, periodicals, and other subjects.
212. **Hosic, J. F.** "Empirical Studies in School Reading, with Special Reference to the Evaluation of Literary Reading Books," Teachers College, Columbia University Contributions to Education, No. 114. New York: Bureau of Publications, Teachers College, Columbia University, 1921. 174 p.
No dates given; books and periodicals; sixty-six references; no annotations.
213. **Hosic, J. F.** "The Reorganization of English in Secondary Schools," U. S. Bureau of Education Bulletin, 1917, No. 2. Washington: Government Printing Office, 1917, p. 156-77.
1884-1917; books, periodicals, bulletins, reports, and other published material; some references have annotations; classified under: education bearings, bibliographies, history of entrance requirements, aims, subject-matter, teaching, library, etc.
214. **Houncheil, Paul.** "The Training of Junior High School Teachers," George Peabody College for Teachers Contribution to Education, No. 53. Nashville, Tennessee: George Peabody College for Teachers, 1929, p. 111-12.
1915-1928; books, periodicals, and other published material; thirty-seven references; no annotations.

215. **Hsia, Jui-Ching.** "A Study of the Sociability of Elementary School Children," Teachers College, Columbia University Contributions to Education, No. 322. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 39-64.
1920-1927; books and periodicals; 111 selected references; no annotations.
216. **Hudelson, Earl.**⁸ *Class Size at the College Level.* Minneapolis: University of Minnesota Press, 1928, p. 273-76.
1902-1928; books, periodicals, and bulletins; sixty selected references; no annotations.
217. **Hudelson, Earl.** "English Composition—Its Aims, Methods and Measurements," *Twenty-Second Yearbook of the National Society for the Study of Education, Part I.* Bloomington, Illinois: Public School Publishing Company, 1923, p. 155-57.
1911-1922; books, periodicals, other published material, and unpublished manuscripts; no annotations; available scientific instruments for measuring composition objectively, other scientific or semiscientific instruments, and references to relevant scientific articles.
218. **Hull, C. L.** *Aptitude Testing.* New York: World Book Company, 1928, p. 523-28.
1878-1927; books, periodicals, theses, and other published material; 105 selected references; no annotations.
219. **Hurd, A. W.** *Problems of Science Teaching at the College Level.* Minneapolis: University of Minnesota Press, 1929, p. 185-91.
1914-1928; books, periodicals, bulletins, and other published material; 130 references; no annotations; classified as to types of sources.
220. **Hurlock, E. B.** "Motivation in Fashion," *Archives of Psychology*, No. 111. New York: Columbia University, 1929, p. 71.
— 1928; books, periodicals, and other published material; twenty-nine references; no annotations.
221. **Hwang, Pu.** "Errors and Improvement in Rating English Compositions by Means of a Composition Scale," Teachers College, Columbia University Contributions to Education, No. 417. New York: Bureau of Publications, Teachers College, Columbia University, 1930, p. 66-67.
1915-1929; books, periodicals, yearbooks, and other published material; nineteen references; no annotations.
222. **Irmina, Sister M.** "A Study of Language and Grammar Tests," *Catholic University of America, Educational Research Bulletin*, Vol. 1, No. 8. Washington: Catholic Education Press, 1926, p. 39-40.
1913-1926; books, periodicals, and other published material; thirty references; no annotations.
223. **Irmina, Sister M., et al.** "An Annotated Bibliography of Studies Relating to Spelling," *Catholic University of America, Educational Research Bulletin*, Vol. 3, No. 1. Washington: Catholic Education Press, 1928, p. 3-56.
1900-1928; books, periodicals, bulletins, theses, yearbooks, and other published material; 296 selected references; brief annotations.

⁸ This bibliography is included in a much larger list of references in a Minnesota doctor's thesis of 1928, called "An Investigation of the Effect of Class Size on Achievement in Ninth-Grade English with Special Emphasis on Methods of Handling Larger Groups."

224. **Jenkins, F. W.** "Backward Children: A Selected Bibliography," Russell Sage Foundation Library Bulletin, No. 57. New York: Russell Sage Foundation, 1923. 4 p.
1904-1922; books, periodicals, and other published material; selected; brief annotations; classified as bibliographies, general, and periodicals.
225. **Jenkins, F. W.** "Juvenile Delinquency: A Selected Bibliography," Russell Sage Foundation Library Bulletin, No. 68. New York: Russell Sage Foundation, 1924. 4 p.
1920-1924; books, periodicals, and other published material; selected; a few references have brief annotations; general references, periodical references, delinquent boys, and delinquent girls.
226. **Jenkins, F. W.** "Medical Inspection of Schools," Russell Sage Foundation Library Bulletin, No. 63. New York: Russell Sage Foundation, 1924. 4 p.
1914-1924; books, periodicals, and other published material; selected; a few brief annotations; classified as general and magazine references.
227. **Jenkins, F. W.** "Provisions for Care of the Aged," Russell Sage Foundation Library Bulletin, No. 75. New York: Russell Sage Foundation, 1926. 4 p.
1895-1926; books, periodicals, and other published material; selected; brief annotations; classified as almshouse, homes, institutions, and pensions; "pensions" is divided into general and periodical references, teachers' pensions, and industrial pensions.
228. **Jennings, J. T., et al.** *Libraries and Adult Education.* Chicago: American Library Association, 1926, p. 269-78.
— 1926; books, periodicals, bulletins, and other published material; an extensive list of selected references; a few annotations; classified under: adult education, libraries and adult education, the development of reading interests and habits, need of humanized literature, rural aspects, and Canadian aspects; additional references are given at the ends of chapters or immediately following the subtopic discussed in the publication.
229. **Jensen, M. B. and Jensen, D. W.** "The Influence of Class Size Upon Pupil Accomplishment in High-School Algebra," *Journal of Educational Research*, 21:120-37, February, 1930.
1902-1929; books, periodicals, bulletins, and other published material; forty-five references; a summary of literature and previous investigations.
230. **Jewett, I. A.** "English in State Teachers Colleges," *Teachers College, Columbia University Contributions to Education*, No. 286. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 170-76.
1900-1927, a few earlier; books, periodicals, bulletins, and other published material; extensive; no annotations.
231. **Johnson, M. H.** *The Dean in the High School.* New York: Professional and Technical Press, 1929, p. 341-54.
1904-1928; books, periodicals, yearbooks, and other published material; extensive; no annotations; classified under: the dean: duties, aims, position, equipment, qualifications, training; the education of women; the curriculum; positive sex and sex education; mental hygiene; psychological examinations; vocational guidance; parents and child training; social agencies; student government and extra-curricular activities; parties and games; character education; etiquette.

232. **Jones, H. E. and Jones, M. C.** "Genetic Studies of Emotions," *Psychological Bulletin*, 27:40-64, January, 1930.
1882-1929; books, periodicals, and other published material; 142 references; referred to by number in the summary on the preceding pages.
233. **Jones, J. L.** "A Personnel Study of Women Deans in Colleges and Universities," *Teachers College, Columbia University Contributions to Education*, No. 326. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 127-35.
1910-1927; books, periodicals, yearbooks, and other published material; 172 references; no annotations; classified under: admission of students, education of women and college administration, educational and vocational guidance, health housing, orientation of college freshmen, personal problems of students, religion, problems of scholarship, standardization of higher institutions, status and duties of deans, social progress of the dean.
234. **Jones, Lonzo.** "A Project in Student Personnel Service Designed to Facilitate Each Student's Achievement at the Level of His Ability," *University of Iowa Studies in Education*, Vol. 5, No. 1. Iowa City: University of Iowa, 1928, p. 51-59.
1904-1929; books, periodicals, bulletins, and other published material; 162 references; no annotations.
235. **Jones, V. A.**⁹ "Educational Tests," *Psychological Bulletin*, 26:412-17, July, 1929.
1927-1929; books, periodicals, bulletins; 121 selected references; no annotations; summarized on pages 397-412.
236. **Kelley, T. L.** *Statistical Methods*. New York: Macmillan Company, 1923, p. 357-69.
— 1922; books, periodicals, and other published material; about two hundred and seventy-five references; no annotations.
237. **Kelley, T. L., Briggs, T. H., Tillinghast, C. C., et al.** "Bibliography of Tests for Use in High Schools," *Teachers College Record*, 23:375-95, September, 1922.
1916-1922; books, periodicals, and other published material; quite elaborate annotations; classified under intelligence tests and educational tests; subclassified under educational tests into tests for English, history, Latin, mathematics, modern languages, and science.
238. **Kelly, F. J.** "Teachers' Marks," *Teachers College, Columbia University Contributions to Education*, No. 66. New York: Bureau of Publications, Teachers College, Columbia University, 1914, p. 135-39.
1898-1913; books, periodicals, and bulletins; selected; annotated; classified under: theory of marking, current marking systems, and current examination system.
239. **Kennedy, A. G.** *A Bibliography of Writings on the English Language*. Cambridge: Harvard University Press, 1927. 517 p.
— 1922; books, periodicals, bulletins, and other published material; 13,402 references; no annotations; classified. A portion of this bibliography is devoted to the teaching of English.
240. **Kerr, W. H., Luther, Jessie, and Hostetter, Anita.** "A Bibliography of the Project Method in the Elementary School, the Junior High School, and the High School," *Twentieth Yearbook of the National*

⁹ In 1926, Jones and McCall; in 1917, Krieger and McCall; in 1918, Jones; and 1919, Jones have presented in the July issues of *Psychological Bulletin* annual reviews of the literature on educational tests for the preceding year. In 1926 the review included the period from 1922 to 1925.

Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1921, p. 189-221.

1895-1921; books, periodicals, and other published material; 394 references; brief but critical annotations; foundations and definitions, special applications and examples, and subjects of instruction.

241. **Kirkpatrick, E. A.** *Fundamentals in Child Study*. New York: Macmillan Company, 1929, p. 379-404.

1897-1929; books, bulletins, monographs, and other published material; about four hundred references; no annotations.

242. **Knox, R. B.** *School Activities and Equipment*. New York: Houghton Mifflin Company, 1927, p. 342-77.

No dates given; books, bulletins, addresses, and other printed material; many annotations; Part I is a book list; Part II is a list of addresses, organizations, libraries, museums, schools, mail order houses, school supply houses, and a buyer's guide.

243. **Koch, H. L. and Simmons, Rietta.** "A Study of the Test-Performance of American, Mexican, and Negro Children," *Psychological Monographs*, Vol. 35, No. 5. Princeton, New Jersey: Psychological Review Company, 1926, p. 112-16.

1898-1925; books, periodicals, and bulletins; ninety-four selected references; no annotations; includes social, political, biological, medical, and psychological references.

244. **Kohs, S. C.** "An Annotated Bibliography of Recent Literature on the Binet-Simon Scale (1913-1917)," *Journal of Educational Psychology*, 8:425-38, 488-502, 559-65, 609-18; September, October, November, December, 1917.

1913-1917; books, periodicals, and other published material; 457 references; brief annotations.

245. **Koos, F. H.** "State Participation in Public School Library Service," *Teachers College, Columbia University Contributions to Education*, No. 265. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 230-46.

1876-1926; books, periodicals, bulletins, and other published material; selected; no annotations; classified under: general, laws, decisions, reports, book lists, courses of study, manuals, etc.

246. **Koos, L. V.** *The American Secondary School*. New York: Ginn and Company, 1927, p. 460-65.

1915-1926; books, periodicals, and bulletins; selected; no annotations; classified as books containing chapters dealing with such subjects as English, social studies, science, mathematics, and foreign languages.

247. **Krapp, G. P.** *The Knowledge of English*. New York: Henry Holt and Company, 1927, p. 555-63.

1867-1927; books, bulletins, and other published material; 184 references; a few brief annotations; classified under: general and comparative linguistics; histories of English, and works on grammar and usage; vocabulary; phonetics, rhythm, and style and form.

248. **Kwalwasser, Jacob.** "Tests and Measurements in Music," *Psychological Bulletin*, 25:284-301, May, 1928.

1921-1928; books, periodicals, manuals, and theses; twenty-eight selected references; annotated, classified, and summarized on pages 284-300.

249. **Kwalwasser, Jacob, et al.** "Research in High School Music," *Sixth Yearbook*, Department of Superintendence. Washington: National Education Association, 1928, p. 386-96.

1914-1928; books, periodicals, and bulletins; selected; annotated.

250. **Landis, B. Y.** "Professional Codes," Teachers College, Columbia University Contributions to Education, No. 267. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 103-8.
1917-1926; books and periodicals; quite extensive; brief annotations.
251. **Lane, M. R.**¹⁰ "Bibliography of Occupational Studies Made During the Years 1927-29," Vocational Guidance Magazine, 7:314-16, April, 1929.
1927-1929; bulletins and pamphlets; 143 references; no annotations; classified under the organization responsible for publication.
252. **Lane, M. R.** "History of Research—Pamphlet Series of Occupational Studies," Vocational Guidance Magazine, 6:30-40, October, 1927.
1920-1926; pamphlets; extensive; no annotations; classified under agency responsible for publication.
253. **Lane, M. R.** Occupational Studies. Scranton, Pennsylvania: International Textbook Company, 1927, p. 32-81.
1920-1926; bulletins, pamphlets, and monographs; 196 references; studies reviewed on pages 45-81; classified under agencies responsible for the studies.
254. **Lathrop, E. A.** "Dormitories in Connection with Public Secondary Schools," U. S. Bureau of Education Bulletin, 1922, No. 12. Washington: Government Printing Office, 1922, p. 36.
1900-1920; books, periodicals, and bulletins; brief; no annotations; management, building, demands, development.
255. **Lathrop, E. A.** "The Library in the Small High School," American Schoolmaster, 22:343, December, 1929.
1919-1928; books, periodicals, bulletins, and other published material; fifteen references; no annotations.
256. **Laton, A. D.** "The Psychology of Learning Applied to Health Education Through Biology," Teachers College, Columbia University Contributions to Education, No. 344. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 102-3.
1911-1928; books, periodicals, bulletins, and other published material; thirty-five references; no annotations; the most important references are starred.
257. **Lauer, A. R.** "Science Applied to Problems of Musical Instruction," Education, 49:226-35, December, 1928.
1895-1927; books, periodicals, and other published material; sixteen references; no annotations; refers to a number of investigations.
258. **Leake, A. H.** The Vocational Education of Girls and Women. New York: Macmillan Company, 1918, p. 405-20.
1900-1920; books, periodicals, bulletins, and other published material; extensive; annotated; classified under: general, household arts, industrial occupations and training, vocational guidance, and commercial education.
259. **Leal, M. A.** Physiological Maturity in Relation to Certain Characteristics of Boys and Girls. Philadelphia: University of Pennsylvania, 1929, p. 112-13.
1907-1928; books, periodicals, bulletins, and other published material; twenty-four references; no annotations.

¹⁰ "These studies supplement the bibliography in Occupational Studies Part III, pages 32-44, published by the International Textbook Company, Scranton, Pennsylvania. A bibliography of studies made during 1920-1926 may be found in the October, 1927, issue of the *Vocational Guidance Magazine*."

260. **Lieper, M. A.** "A Diagnostic Study of the Errors Made by College Freshmen in Their Written Compositions," *George Peabody College for Teachers Contributions to Education*, No. 22. Nashville, Tennessee: George Peabody College for Teachers, 1926, p. 161-65.
1867-1925; books, periodicals, bulletins, and other published material; 143 references; no annotations; classified under: language in general, the English language, English grammar, the teaching of English, handbooks of mechanics of language, college textbooks of composition, articles, studies, bulletins, etc.
261. **Lemon, A. C.** "An Experimental Study of Guidance and Placement of Freshmen in the Lowest Decile of the Iowa Qualifying Examination, 1925," *University of Iowa Studies in Education*, Vol. 3, No. 8. Iowa City: University of Iowa, 1927, p. 124-35.
1896-1926; books, periodicals, bulletins, and other published material; 304 references; no annotations.
262. **Lentz, T. F.** "An Experimental Method for the Discovery and Development of Tests of Character," *Teachers College, Columbia University Contributions to Education*, No. 180. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 45-46.
1914-1924; books, periodicals, and other published material; fifty-one references; some of the references are briefly annotated.
263. **Liebler, C. C.** "Qualifications and Compensation of Persons Charged with the Enforcement of Compulsory Education," *Elementary School Journal*, 27:695-706, May, 1927.
1917-1926; books, periodicals, and codes; selected; the references at the end of the article are not annotated nor classified, but there is a large number of references in the footnotes to the article, which are classified and partly summarized by their treatment in the text.
264. **Limbert, P. M.** "Denominational Policies in the Support and Supervision of Higher Education," *Teachers College, Columbia University Contributions to Education*, No. 378. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 337-42.
Through 1928; books and periodicals; no annotations; classified.
265. **Lincoln, E. A.** *Sex Differences in the Growth of American Children*. Baltimore: Warwick and York, Inc., 1927, p. 189.
— 1927; books, periodicals, theses, yearbooks, and other published material; annotated and summarized under such titles as sex differences in general intelligence, sex differences in school achievement, etc.
266. **Lindsey, M. C.** "A Study of Bus Transportation in Consolidated Schools with Specific Recommendations for the Established Consolidated School at Mousey, New York," *New York: School of Education, New York University*, 1929, p. 125-27.
1908-1929; books, periodicals, bulletins, circulars, and leaflets; thirty-one references; no annotations.
267. **Linn, H. H.** "Safeguarding School Funds," *Teachers College, Columbia University Contributions to Education*, No. 387. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 182-87.
1895-1929; books, periodicals, theses, and other published material; extensive; no annotations; classified under types of sources.

268. **Linscheid, Adolph.** "In-Service Improvement of the State Teachers College Faculty," Teachers College, Columbia University Contributions to Education, No. 309. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 98-100.
1908-1928; books, periodicals, proceedings, and other published material; sixty references; no annotations.
269. **Linton, Clarence.** "A Study of Some Problems Arising in the Admission of Students as Candidates for Professional Degrees in Education," Teachers College, Columbia University Contributions to Education, No. 285. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 162-63.
1907-1926; books, periodicals, bulletins, and catalogs; fifty selected references; no annotations.
270. **Lomer, G. R.** "The Concept Method," Teachers College, Columbia University Contributions to Education, No. 34. New York: Bureau of Publications, Teachers College, Columbia University, 1910, p. 97-99.
1890-1909; books; seventy-eight references; no annotations.
271. **Longshore, W. T., et al.** "Bibliography," (on the elementary-school principalship) Seventh Yearbook, Department of Elementary School Principals. Washington: National Education Association, 1928, p. 523-59.
1920-1927; books, bulletins, yearbooks, pamphlets, and other published material; 446 references; brief annotations; classified under: administration, supervision, general, and miscellaneous.
272. **Lyford, C. A.** "Bibliography of Home Economics," U. S. Bureau of Education Bulletin, 1919, No. 46. Washington: Government Printing Office, 1919, 103 p.
1904-1929; books, periodicals, and other published material; annotations presented only when title does not reveal nature of contents; classified as bibliographies, bulletins, syllabuses, etc.
273. **Lyman, R. L.** "Summary of Investigations Relating to Grammar, Language and Composition," Supplementary Educational Monographs, No. 36. Chicago: University of Chicago, 1929, p. 256-92.
Up to 1929; books, bulletins, monographs, theses, and periodicals; extensive; full annotations; classified under various subheads; critically summarized on pages 1-255.
274. **McCabe, M. R.**¹¹ "List of References on Vocational Guidance," U. S. Bureau of Education Library Leaflet, No. 36. Washington: Government Printing Office, 1929. 21 p.
1915-1929; books, periodicals, bulletins, and bibliographies; extensive; brief annotations; classified.
275. **McCarthy, Dorothea.** "The Vocalization of Infants," Psychological Bulletin, 26:625-51, November, 1929.
1877-1929; books, periodicals, bulletins, and other published material; ninety-two references; no annotations, but referred to by number in the review.
276. **MacCaughey, Vaughan.** "Professors' Salaries—A Concise Bibliography," School and Society, 6:535-38, November 3, 1917.
1883-1917; books, periodicals, and other published material; concise; no annotations; literature relating to salaries in colleges and universities of the

¹¹ Two other lists of references on vocational guidance have been issued by the U. S. Bureau of Education as *Library Leaflets*, No. 32, 1925, and No. 33, 1927.

United States; a few references to other countries are included, as are also a few that relate to the general subject of teachers' pay; chronologically arranged.

277. **McClure, J. R.** "The Ventilation of School Buildings," Teachers College, Columbia University Contributions to Education, No. 157. New York: Bureau of Publications, Teachers College, Columbia University, 1924, p. 123-30.
1900-1923; books and periodicals; 142 selected references; no annotations; covers practices and costs in the light of experimental research.
278. **McCollum, E. V.** *The Newer Knowledge of Nutrition.* New York: Macmillan Company, 1929, p. 537-73.
— 1929; books, periodicals, bulletins, and other published material; 1,870 references; no annotations.
279. **McCormick, Clarence.** "The Teaching of General Mathematics in the Secondary Schools of the United States," Teachers College, Columbia University Contributions to Education, No. 386. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 153-61.
1900-1929; books, periodicals, bulletins, yearbooks, proceedings, and other published material; annotated.
280. **McCracken, T. C. and Lamb, H. E.** *Occupational Information in the Elementary School.* New York: Houghton Mifflin Company, 1923, p. 219-45.
1900-1923; books, periodicals, bulletins, and pamphlets; 305 references; no annotations; classified under: lists of books, industrial and commercial pamphlets, stereopticon slide distributors, and educational film distributors.
281. **McCurdy, J. H.** *A Bibliography of Physical Training.* New York: Physical Directors Society of the Y. M. C. A. of North America, 1912. 172 p.
1905-1912; books, periodicals, bulletins, and other published material; annotated; classified.
282. **MacDonald, Arthur.** "Bibliography of Exceptional Children and Their Education," U. S. Bureau of Education Bulletin, 1912, No. 32. Washington: Government Printing Office, 1912. 46 p.
1890-1911; books, periodicals, and other published material; 622 references; brief annotations; classified as publications in the English language, in foreign languages, etc.
283. **McDonough, M. R.** *The Empirical Study of Character.* Washington: Catholic University of America, 1929, p. 120-44, 194.
— 1928; books, periodicals, bulletins, and other published material; 472 references; no annotations; classified under character and personality studies and statistics.
284. **McFarland, R. A.** "An Experimental Study of the Relationship Between Speed and Mental Ability," *Journal of General Psychology*, 3:95-96, January, 1930.
1912-1928; books, periodicals, theses, and other published material; thirty references; referred to by number in the study on the preceding pages.
285. **McFarland, R. A.** "The Role of Speed in Mental Ability," *Psychological Bulletin*, 25:295-612, October, 1928.
1896-1927; books, periodicals, bulletins, monographs, and theses; thirty-six selected references; annotated and classified in summary on pages 595-610.

286. **McGeoch, J. A.** "The Acquisition of Skill," *Psychological Bulletin*, 24:437-66, August, 1927; 26:493-98, August, 1929.
1917-1928; books, periodicals, and other publications; selected references; annotated, classified, and summarized on preceding pages.
287. **McGeoch, J. A.** "Memory," *Psychological Bulletin*, 25:513-49, September, 1928.
1925-1928; books, periodicals, and bulletins; 141 selected references; annotated and classified in the summary on pages 513-42; treats memorizing and retention under the curve of memorizing, serial position, frequency and vividness, length of series and rate of presentation, remote association, whole and part methods, distribution of study, logical vs. rote, sensory modality, intelligence, age, sex, tobacco, transfer of training, memory span, etc.
288. **McGrath, M. C.** "A Study of the Moral Development of Children," *Psychological Monograph*, Vol. 32, No. 2. Princeton, New Jersey: Psychological Review Company, 1923, p. 186-90.
1900-1922; books, periodicals, reports, and other published material; extensive; no annotations.
289. **McHale, Kathryn.** "Comparative Psychology and Hygiene of the Over-Weight Child," *Teachers College, Columbia University Contributions to Education*, No. 221. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 117-23.
1920-1926, a few earlier; books, periodicals, bulletins, and other published material; 127 references; no annotations.
290. **MacLachy, Josephine.** "Attendance at Kindergarten and Progress in the Primary Grades," *Ohio State University Bureau of Educational Research Monograph*, No. 8. Columbus: Ohio State University Press, 1928, p. 139-41.
1912-1928; books, periodicals, and other published material; forty-five references; no annotations; classified under general references and references to previous studies of the kindergarten.
291. **Mahoney, R. H.** *The Federal Government and Education*. Washington: Catholic University of America, 1922, p. 76-79.
Through 1922; books, bulletins, and other published material; brief; annotated; covers historical, attitude, philosophy, and legislation.
292. **Maller, J. B.** "Coöperation and Competition, an Experimental Study in Motivation," *Teachers College, Columbia University Contributions to Education*, No. 384. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 165-72.
1914-1928; books and periodicals; 166 selected references; no annotations.
293. **Manson, G. E.** "A Bibliography of the Analysis and Measurement of Human Personality up to 1926," *Reprint and Circular Series*, No. 72. Washington: National Research Council, 1926, p. 10-51.
— 1926; books, periodicals, and other published material; 1364 references; no annotations; references are numbered, and subsequent references are made to the number of the citation rather than to the name of the author.
294. **Manson, G. E.** "Bibliography on Methods for Personal Development of College Students," *Educational Record*, 11 (Supplement): 1-42, January, 1930.
1929, a few earlier; books, periodicals, and other published material; 175 references, numbered from 1-75 and 100-200; references numbered 1 to

75 inclusive have been classified and annotated; references numbered 100-200 inclusive have been classified but have not been abstracted.

295. **Marine, E. L.** "The Effect of Familiarity with the Examiner Upon Stanford-Binet Test Performance," Teachers College, Columbia University Contributions to Education, No. 381. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 40-42.
1915-1928; books, periodicals, yearbooks, and other published material; fifty-six references; no annotations.
296. **Markey, J. F.** *The Symbolic Process and Its Integration in Children.* New York: Harcourt, Brace and Company, 1928, p. 179-86.
1870-1927; books, periodicals, bulletins, and other published material; about two hundred fifty references; no annotations.
297. **Matthews, M. A.** (Compiled by) "Bibliography," in Smith, D. H. "The Bureau of Education, Its History, Activities and Organization," Institute for Government Research. Washington, Service Monographs of the United States Government, No. 14. Baltimore: Johns Hopkins Press, 1923, p. 142-54.
1863-1923; books, periodicals, bulletins, and pamphlets; brief descriptive annotations; classified as to type of publication.
298. **Maverick, L. A.** *The Vocational Guidance of College Students.* Cambridge: Harvard University Press, 1926, p. 163-239.
1900-1925; books, periodicals, bulletins, and other published material; about six hundred fifty references; many annotations; classified under: admission; bibliographies; education: administration and aims; employment management, vocational psychology; guidance: general; guidance reports; individual training: provision for superior students; mental hygiene; orientation class; orientation devices: conferences, freshman week, freshman year; orientation publications, personnel officers: deans, counselors, advisers, etc.; personnel research: intelligence; placement and employment supervision; record forms; studies of guidance and personnel work; vocational education; vocational information.
299. **May, M. A., et al.**¹² "Personality and Character Tests," *Psychological Bulletin*, 26:434-44, July, 1929.
1927-1929; books, periodicals, bulletins, and monographs; 199 selected references; no annotations; summarized by reference numbers on pages 418-34.
300. **Mead, A. R.** "An Annotated List of Manuals and Guides for Observation, Participation, and Supervised Student Teaching," *Educational Administration and Supervision*, 4:47-51, January, 1929.
1917-1928; books, bulletins, and other published material; twenty-three references.
301. **Meader, E. G.** "Teaching Speech in the Elementary School," Teachers College, Columbia University Contributions to Education, No. 317. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 123-26.
Through 1927; books; one hundred references; no annotations; classified.
302. **Meadows, L. R.** "A Study of the Teaching of English Composition in Teachers Colleges in the United States," Teachers College,

¹² Beginning in 1926, May has reviewed annually in the *Psychological Bulletin* the literature of personality and character tests for the preceding year. In 1926 the review included 1921-1925.

Columbia University Contributions to Education, No. 311. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 89-95.

1832-1927; books, periodicals, bulletins, and other published materials; 160 references; no annotations.

303. **Meek, L. H.** "A Study of Learning and Retention in Young Children," Teachers College, Columbia University Contributions to Education, No. 164. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 87-96.

1885-1923; books, periodicals, monographs, and other published material; 190 references; no annotations; classified under: general, learning and retention, and perception.

304. **Meek, L. H., et al.** "Preschool and Parental Education," Twenty-Eighth Yearbook of the National Society for the Study of Education, Parts I and II. Bloomington, Illinois: Public School Publishing Company, 1929, p. (a) Day Nurseries, 106; (b) Maternity and Infant Welfare, 117-19; (c) Nursery Schools, 242-45; (d) The Kindergarten, 273-74; (e) Programs in Parental Education, 351-53; (f) Studies in Motor Development, Survey of Research Studies, 470-93 (54 studies); (g) Studies in Language Development, 495-539 (143 studies); (h) Studies in Intellectual Development, 572-95; (i) Studies of Emotional and Social Development, 597-615; (j) Studies of Physical Growth, 618-66; (k) Habit Formation, 687-91; (l) Play, 701-04; (m) Art Experience, 720-26; (n) Language and Literature, 735-36; (o) Social Development, 746-7; (p) Individual Differences, 762-4; (q) Record Keeping, 785-88.

Through 1928; books, periodicals, and bulletins; extensive; no annotations; classified.

305. **Meier, N. C.** "Aesthetic Judgment as a Measure of Art Talent," University of Iowa Studies, Series on Aims and Progress of Research, Vol. 1, No. 19. Iowa City: University of Iowa, 1926, p. 29-30.

1890-1926; books, periodicals, bulletins, and other published material; fifty-three references; no annotations.

306. **Meier, N. C.** "A Measure of Art Talent," Psychological Monograph, Vol. 39, No. 2. Princeton, New Jersey: Psychological Review Company, 1928, p. 199.

1896-1927; books, periodicals, and monographs; twenty-four references; referred to by number in the study.

307. **Meier, N. C.** "Special Artistic Talent," Psychological Bulletin, 25:265-71, May, 1928.

1921-1928; books, periodicals, and bulletins; thirty-five selected references; annotated, classified, and summarized; discussed under creative element, experimental aesthetics, appreciation and talent.

308. **Melchoir, W. T.** "Insuring Public School Property," Teachers College, Columbia University Contributions to Education, No. 168. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 184-87.

1908-1922; books, bulletins, and other published material; selected; most references have annotations; classified as general, school, fire prevention, construction of school buildings.

309. **Meltzer, H.** "The Present Status of Experimental Studies on the Relationship of Feeling to Memory," *Psychological Bulletin*, 37:124-39, March, 1930.
1901-1929; books, periodicals, and other published material; fifty-two references; no annotations; referred to by number in the review.
310. **Mendenhall, Edgar.** *The City School Board Member and His Task.* Pittsburg, Kansas: College Inn Book Store, 1929, p. 98-101.
1913-1928; books, periodicals, and other published material; forty-two references; no annotations.
311. **Merrill, M. A.** "The Relation of Intelligence to Ability in the 'Three R's' in the Case of Retarded Children," *Pedagogical Seminary*, 28:273-74, September, 1921.
1906-1919; books, periodicals, other published material, and unpublished manuscripts; selected; no annotations; includes references on reading tests, psychology of arithmetic, teaching of handwriting, etc.
312. **Merriman, Curtis.** "The Intellectual Resemblance of Twins," *Stanford, 1922. Psychological Monographs*, Vol. 33, No. 5. Princeton, New Jersey: Psychological Review Company, 1924, p. 48-49.
1904-1923; books, periodicals, and bulletins; thirty-two selected references; no annotations.
313. **Metfessel, Milton.** "Experimental Phonetics," *Psychological Bulletin*, 26:305-23, May, 1929.
1921-1929; books, periodicals, bulletins, and other published material; 108 references; no annotations, but referred to by number in the review.
314. **Meyer, H. D. and Eddleman, S. M.** *Financing Extra-Curricular Activities.* New York: A. S. Barnes and Company, 1929, p. 130-31.
1911-1928; books, periodicals, and other published material; forty-five references; no annotations.
315. **Michigan, University of, Library Extension Service.**¹³ "Bibliography on Academic Freedom," *Association of American Colleges Bulletin*, 14:541-3, December, 1928.
1901-1927; books and periodicals; twenty-four references; no annotations; classified under books and magazines.
316. **Miles, D. H., et al.** "Research in High School English," *Sixth Yearbook*, Department of Superintendence. Washington: National Education Association, 1928, p. 309-26.
1923-1928; books, periodicals, and yearbooks; twenty-five selected references to reports of research; full annotations; classified; summary of findings given on pages 325-6.
317. **Miller, E. L., et al.** "The Relationship Between High School and College," *Sixth Yearbook*, Department of Superintendence. Washington: National Education Association, 1928, p. 155-58.
1923-1928; books, periodicals, and bulletins; thirty-four references; annotated; conclusions frequently given.
318. **Miller, W. S. and Otto, H. J.** "Analysis of Experimental Studies in Homogeneous Grouping," *Journal of Educational Research*, 21:101-102, February, 1930.
1920-1929; periodicals, bulletins, and yearbooks; thirty-one references, eleven of which are given as footnotes to the article; no annotations.

¹³ This is a supplement to the bibliography on academic freedom, published in the *Reference Shelf*, Vol. 3, No. 6. New York: H. W. Wilson Company, 1925.

319. **Mitchell, David and Ruger, G. J.** "Psychological Tests. Revised and Classified Bibliography," Bureau of Educational Experiments Bulletin, No. 9. New York: Bureau of Educational Experiments, 1918. 116 p.
Apparently 1894-1918; books, periodicals, and other published material; 1,428 references; no annotations; theoretical, historical and general discussions, methodology, apparatus, technique, group tests, and results of application.
320. **Moffett, M'Ledge.** "The Social Background and Activities of Teachers College Students," Teachers College, Columbia University Contributions to Education, No. 375. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 129-33.
1917-1929; books, periodicals, bulletins, and other published material; eighty-seven selected references; no annotations.
321. **Monroe, W. S.** "Making a Course of Study," University of Illinois Bulletin, Vol. 23, No. 2, Bureau of Educational Research Circular No. 35. Urbana: University of Illinois, 1925, p. 18-35.
1904-1925; books, periodicals, bulletins, and other published material; 219 references; no annotations; classified under: general principles of curriculum construction, methods of teaching, courses of study, and standards of attainment in specific subjects.
322. **Monroe, W. S.** "Principles of Method in Teaching Arithmetic as Derived from Scientific Investigations," Eighteenth Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1919, p. 93-95.
1910-1917; books, periodicals, bulletins, documents, and theses, thirty selected references; no annotations.
323. **Monroe, W. S. and Clark, J. A.** "Measuring Teaching Efficiency," University of Illinois Bulletin, Vol. 21, No. 22, Bureau of Educational Research Circular No. 25. Urbana: University of Illinois, 1924, p. 18-26.
1905-1923; books, periodicals, and other published material; seventy-nine references; a few brief annotations; classified.
324. **Monroe, W. S. and Mohlman, D. K.** "Training in the Technique of Study," University of Illinois Bulletin, Vol. 22, No. 2. Bureau of Educational Research Bulletin No. 20. Urbana: University of Illinois, 1924, p. 57-66.
1900-1922; books, periodicals, bulletins, and other published material; forty-one references; comprehensive annotations.
325. **Monroe, W. S., et al.** "Reports of Educational Research and Related Materials," in "Ten Years of Educational Research, 1918-27," University of Illinois Bulletin, Vol. 25, No. 51, Bureau of Educational Research Bulletin No. 42. Urbana: University of Illinois, 1928, p. 153-325.
1918-1927; books, bulletins, theses, educational series (as yearbooks and monographs), and other published material; a topical index of 3,650 reports; no annotations.
326. **Moore, C. B.** *Citizenship Through Education.* New York: American Book Company, 1929, p. 311-13.
No dates given; books; fifty-six references; no annotations.
327. **Morris, E. H.** "Personal Traits and Success in Teaching," Teachers College, Columbia University Contributions to Education, No. 342.

New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 70-75.

1905-1927; books, periodicals, and bulletins; 114 selected references; no annotations; includes references on social psychology, school discipline, and tests of personality traits.

328. **Morris, Lyle, et al.**¹⁴ "An Annotated Bibliography of Researches in Educational Publicity to June, 1927," *Teachers College Record*, 30:40-45, October, 1928.

1916-1927; books, periodicals, theses, and pamphlets; twenty-seven references; annotated.

329. **Myers, G. E.** "Bibliography of Surveys Bearing on Vocational Education," *Manual Training*, 17:372-76, January, 1916.

1911-1916; surveys; no annotations.

330. **Nalder, F. F.** "The American State Reformatory with Special Reference to Its Educational Aspects," University of California Publications, *Education*, Vol. 5, No. 3. Berkley: University of California, 1920, p. 447-50.

1777-1920; books, periodicals, reports, and other published material; ninety-five references; no annotations.

331. **Napier, T. H.** "Trends in the Curricula for Training Teachers," George Peabody College for Teachers Contributions to Education, No. 27. Nashville, Tennessee: George Peabody College for Teachers, 1926, p. 137-39.

Apparently, 1801-1924; books, periodicals, bulletins, and other published material; brief; no annotations.

332. **National Child Labor Committee.** *Child Labor Selected Bibliography.* New York: National Child Labor Committee, 1926. 27 p.

1920-1926; books, periodicals, and other published material; 250 selected references; no annotations; classified under: general, legislation, agriculture, mines, health, and education.

333. **National Education Association.** "The College of Tomorrow, Its Relation to the High School and to Life." Washington: National Education Association, 1928. 24 p.

1912-1928; bulletins and periodicals; one hundred selected references; full annotations in most cases; college entrance requirements, success and failure in college, overlapping in high school and college, etc.

334. **National Education Association, Department of Elementary School Principals.** "General Discussions of the Principalship," *Seventh Yearbook.* Washington: National Education Association, 1928, p. 523-559.

1918-1928; chiefly yearbooks and bulletins of the Department of Elementary School Principals, proceedings of the National Education Association and volumes of the *Journal of the National Educational Association*; 446 references; very brief annotations; classified under: general discussions, status and development of the principalship, administration, supervision, activities of principals' clubs, and miscellaneous.

335. **National Education Association, Department of Superintendence.** "Suggested Experimental Studies in Measuring Supervision," Eighth

¹⁴ For a brief summary of these researches, see: Alexander, Carter. "Research in Educational Publicity," *Teachers College Record*, 29:479-87, March, 1928.

Yearbook. Washington: National Education Association, 1930, p. 170-75.

1912-1929; books, periodicals, and other published material; forty-six selected references; brief annotations.

336. **National Education Association, Department of Superintendence and Research Division.** "References on Clerks and Clerical Work in Public Schools," Educational Research Service Circular, No. 3. Washington: National Education Association, 1929. 4 p.

1923-1929; books, periodicals, and bulletins; twenty references; descriptive and critical annotations.

337. **National Education Association, Research Division.** "The Advance of the Teacher Retirement Movement," Research Bulletin, Vol. 6, No. 3. Washington: National Education Association, 1928, p. (a) Handbooks and Pamphlets Concerning Teacher Retirement Systems, 191; (b) Teacher Retirement Systems and Related Topics, 195-201.

1926-1928; books, periodicals, pamphlets, and other published material; seventy-one selected references; annotated, frequently giving conclusions; classified.

338. **National Education Association, Research Division.** "Bibliography on Teacher Tenure," Research Bulletin, Vol. 2, No. 5. Washington: National Education Association, 1924, p. 167-69.

1904-1924; books, periodicals, and other published material; brief; no annotations; teacher tenure, teacher's term of office, selection of teachers, etc.

339. **National Education Association, Research Division.** "Books on Curricular Problems Which Have Been Tried and Found Helpful," Research Bulletin, Vol. 3, Nos. 4 and 5. Washington: National Education Association, 1925, p. 168-78.

1897-1925; books; 346 references; no annotations; classified under books dealing with general curriculum problems and books dealing with single subjects.

340. **National Education Association, Research Division.** "Can the States Afford to Educate Their Children?" Research Bulletin, Vol. 7, No. 1. Washington: National Education Association, 1929, p. 24-40.

1920-1929; books, periodicals, bulletins, reports, and other published material; 169 selected references; annotated; classified under: state revenue for public education, apportionment of state aid to schools, and financial aspect of certain administrative problems.

341. **National Education Association, Research Division.** "Creating a Curriculum for Adolescent Youth," Research Bulletin, Vol. 6, No. 1. Washington: National Education Association, 1928, p. (a) Books Dealing with General Problems of the Junior High School, 54; (b) Books Dealing with the Junior High School Subjects, 55-65; (c) Books Dealing with School Counseling and Guidance, 66-7; (d) Books Dealing with Junior High School Courses of Study Published Since 1920, 69-78.

1920-1928; books; no annotations; classified.

342. **National Education Association, Research Division.** "The County Unit." Washington: National Education Association, 1929. 7 p.

1922-1929; books, periodicals, bulletins, and reports; thirty-five selected references; annotated.

343. **National Education Association, Research Division.** "Efficient Teaching and Retirement Legislation," Research Bulletin, Vol. 4, No. 3. Washington: National Education Association, 1926, p. 157-60.
1919-1926; books, bulletins, proceedings, publications of the Carnegie Foundation for the Advancement of Teaching, and publications of city boards of education; thirty-five selected references; annotated.
344. **National Education Association, Research Division.** "Elementary Courses of Study Published Since January 1, 1923," Research Bulletin, Vol. 3, Nos. 4 and 5. Washington: National Education Association, 1925, p. 183-92.
1923-1925; bulletins; 889 references; no annotations; classified under: kindergarten; arithmetic; art; character and moral education; health and physical education; home economics; industrial arts; language, grammar, composition, and English; music; nature study and elementary science; penmanship; reading and literature; spelling; social studies; general courses, state and county courses.
345. **National Education Association, Research Division.**¹⁵ "Group Insurance for Teachers," Studies in State Educational Administration, No. 3. Washington: National Education Association, 1930, p. 5-8.
1925-1929; periodicals, bulletins, and other published material; seventy-two selected references; brief annotations; classified.
346. **National Education Association, Research Division.** "A Handbook of Major Educational Issues," Research Bulletin, Vol. 4, No. 4. Washington: National Education Association, 1926, p. (a) General References, 190-91; (b) School Building Programs, 201-3; (3) Length of School Term and Attendance, 208; (d) School Finance, 217; (e) School Organization, 221; (f) Home and School Coöperation, 224-26.
1918-1926; books, periodicals, bulletins, and leaflets; selected; annotated.
347. **National Education Association, Research Division.** "The Major Issues in School Finance, Part II," Research Bulletin, Vol. 5, No. 1. Washington: National Education Association, 1927, p. 56-63.
1919-1927; books, periodicals, reports, and circulars, summaries of state laws, and other published material; eighty-nine selected references; annotated; classified by states.
348. **National Education Association, Research Division.** "The Organization of State Departments of Education. Washington: National Education Association, 1929. 5 p.
1920-1929; books, periodicals, bulletins, and reports; twenty-eight carefully selected references; annotated.
349. **National Education Association, Research Division.** "Practices Affecting Teacher Personnel," Research Bulletin, Vol. 6, No. 4. Washington: National Education Association, 1928, p. (a) Salary Scheduling, 212; (b) Requirements Affecting Appointment, Retention, and Promotion of Teachers, 217; (c) Married Women as Teachers, 221-2; (d) The Written Examination in Certification, Selection, and Promotion of Teachers, 224; (e) Leaves of Absence for Study and Travel, 226-7; (f) Recognition of Additional Training, 232; (g) The Sick Leave Problem, 236-7; (h) Efficiency Meas-

¹⁵ Additional references may be secured from the Research Division, National Education Association, 1201 Sixteenth Street, Northwest, Washington, D. C.

ures and the Normal Schedule, 244-5; (i) Salaries of Men and Women Teachers, 247-8.

1919-1928; books, periodicals, bulletins, yearbooks, and other published material; selected; comprehensive; annotated, conclusions frequently given.

350. **National Education Association, Research Division.** "The Principal and Progressive Movements in Education," Research Bulletin, Volume 7, No. 2. Washington: National Education Association, 1929, p. (a) Health Education, 57-8; (b) Mental Hygiene, 65-6; (c) Individual Differences, 73-4; (d) Character Education, 82; (e) Preschool Education, 88-9; (f) Parent Education, 94; (g) Books Suggested for Mental Hygiene, 96; (h) Books Suggested for Individual Differences, 96; (i) Books Suggested for Character Education, 97-8; (j) Books Suggested for Preschool Education, 99; (k) Books Suggested for Parent Education, 99; (l) Books Suggested for Progressive Education, 100; (m) Books Suggested for Several Problems, 100-101.

1924-1929; books, bulletins, manuals, and reports; a wide selection; annotated.

351. **National Education Association, Research Division.** "The Principal as a Supervisor," Research Bulletin, Vol. 7, No. 5. Washington: National Education Association, 1929, p. (a) The Principal in a Program of Supervision, 286-7; (b) General Problems in Supervision, 295-6; (c) Background for Supervision, 307-8; (d) Classroom Visits, 318-19; (e) Individual Conferences, 324-5; (f) Teachers' Meetings, 330-31; (g) Demonstration Teaching, 338; (h) Pupil Diagnosis and Adjustment, 346-8.

1925-1929; books, periodicals, yearbooks, reports, and other published material; annotated.

352. **National Education Association, Research Division.** "The Principal Studies His Job," Research Bulletin, Vol. 6, No. 2. Washington: National Education Association, 1928, p. (a) Books of General Use to the Principal, 116; (b) Books of Specific Use to the Principal, 117; (c) Miscellaneous Books of Value to the Principal, 119-20.

1920-1928; books; about two hundred selected titles; no annotations; classified under such titles as class visitation, health education, community relations, rating of teachers, etc.

353. **National Education Association, Research Division.** "The Problem of Teacher Tenure, A Selected and Annotated Bibliography." Washington: National Education Association, 1929. 9 p.

1914-1929; books, periodicals, bulletins, and other published material; fifty-two selected references; annotated.

354. **National Education Association, Research Division.** "References on the Use of Questionnaires in Educational Research," Research Bulletin, Vol. 8, No. 1. Washington: National Education Association, 1930, p. 47-49.

— 1929; books, periodicals, and other published material; thirty-three references; brief annotations.

355. **National Education Association, Research Division.**¹⁶ "Selected, Annotated Bibliography on Teachers' Salaries," Research Bulletin,

¹⁶ A selected bibliography on salaries was issued as *Research Bulletin*, Vol. 1, No. 3 of the National Education Association in 1923.

- Vol. 5, No. 3. Washington: National Education Association, 1927, p. 181-90.
1920-1927; books, periodicals, bulletins, reports, and other published material; 109 selected references; annotated; classified under different types of publications.
356. **National Education Association, Research Division.** "School Financial Accounting and Budgeting," Research Bulletin, Vol. 2, Nos. 1 and 2. Washington: National Education Association, 1924, p. 31-32.
1912-1923; books, periodicals, and other published material; not extensive; brief annotations; problems of budgeting and finance.
357. **National Education Association, Research Division.** "School Records and Reports," Research Bulletin, Vol. 5, No. 5. Washington: National Education Association, 1927, p. 325-46.
1917-1927; books, periodicals, bulletins, reports of school surveys, personnel records, and state reports; 368 selected references; brief annotations; classified as to types of sources.
358. **National Education Association, Research Division.** "School Revenues and New Methods of Taxation," Studies in State Educational Administration, No. 2. Washington: National Education Association, 1930, p. 8-10.
1913-1929; books, periodicals, bulletins, and proceedings; annotated; classified under: bibliographies, general tax theory and school finance, the property tax and its administration, sales tax, personal income tax, severance tax, the business or corporation income tax, and inheritance tax.
359. **National Education Association, Research Division.** "Selected Bibliography of Current Thought on Teachers' Salaries," Research Bulletin, Vol. 3, Nos. 1 and 2. Washington: National Education Association, 1925, p. 71.
1924-1925; periodicals and bulletins; selected; no annotations.
360. **National Education Association, Research Division.** "Selected References on Teacher Retirement Systems," Research Bulletin, Vol. 2, No. 3. Washington: National Education Association, 1924, p. 87-88.
1912-1924; books, bulletins, reports, and proceedings; selected; inclusive annotations.
361. **National Education Association, Research Division.** "State School Legislation, 1929," Studies in State Educational Administration, No. 1. Washington: National Education Association, 1929, p. 51-57.
1927-1929; books, periodicals, and bulletins; eighty-seven references; no annotations; classified by states.
362. **National Education Association, Research Division.** "Teacher Certification, A Selected and Annotated Bibliography." Washington: National Education Association, 1929. 7 p.
1911-1929; books, periodicals, bulletins, and state records and reports; thirty-six selected references; annotated.
363. **National Education Association, Research Division.** "Vitalizing the High School Curriculum," Research Bulletin, Vol. 7, No. 4. Washington: National Education Association, 1929, p. (a) Books Dealing with General Curriculum Problems of the Secondary School, 243-4; (b) Books Helpful in Building High-School Art Education Courses, 235; (c) Books Helpful in Building High-School

Commercial Courses, 246; (d) Books Helpful in Building High-School English Courses, 247-8; (e) Books Helpful in Building High-School Health and Education Courses, 248; (f) Books Helpful in Building High-School Home Economics Courses, 249-50; (g) Books Helpful in Building High-School Industrial Arts Courses, 250-51; (h) Books Helpful in Building High-School Latin Courses, 251-52; (i) Books Helpful in Building High-School Mathematics Courses, 252-53; (j) Books Helpful in Building High-School Modern Foreign Language Courses, 253-54; (k) Books Helpful in Building High-School Music Courses, 254-255; (l) Books Helpful in Building High-School Science Courses, 255; (m) Books Helpful in Building High-School Social Science Courses, 256.

1925, some as early as 1900; books; no annotations.

364. **National Society for the Study of Education, National Committee on Reading.** "Report," *Twenty-Fourth Yearbook, Part I.* Bloomington, Illinois: Public School Publishing Company, 1925, p. 173-77, 273-74, 288-89.

1903-1925; books, periodicals, and other published material; no annotations; books and articles on selecting reading materials for children, diagnostic and remedial work, and reading test references.

365. **National Society for the Study of Educational Sociology.** "Bibliographies on Educational Sociology," *First Yearbook.* Buffalo: National Society for the Study of Educational Sociology, 1928. 154 p.

1887-1928; books, periodicals, bulletins, and other published sources; very extensive; descriptive annotations; classified under ten main topics and numerous subtopics; arranged alphabetically and chronologically under each topic.

366. **New York City High School Teachers Association, Committee on Americanization.** "A Short Bibliography on Americanization and Patriotism," *Bulletin of High Points in the Work of the High Schools of New York*, 3:37-40, September, 1921.

No dates given; books and bulletins; 134 references; no annotations.

367. **New York, University of the State of.** "Introduction to the Study of Educational and Occupational Opportunity," *University of the State of New York Bulletin, No. 931.* Albany: University of the State of New York Press, 1929, p. 43-46.

1908-1929; books; 147 references; no annotations.

368. **Newland, T. E. and Toops, H. A.**¹⁷ "A Selected Bibliography on Quantitative Measurement in Higher Education," *Eighteenth Yearbook of the National Society of College Teachers of Education.* Chicago: University of Chicago Press, 1930, p. 190-231.

Largely since 1900; books, periodicals, and other publications; 664 selected references; referred to by number in the discussion that precedes the bibliography.

369. **Newlon, J. H., et al.** "Review of Research Studies Bearing on Articulation Problems at the Secondary School Level," *Seventh Year-*

¹⁷ This list of 664 references was selected from a list of "more than one thousand references on the general topic of quantitative measurement in higher education. The one thousand references were first selected from a rather comprehensive bibliography of approximately seven thousand titles now nearing completion, which will be published soon under the auspices of the Ohio College Association."

book, Department of Superintendence. Washington: National Education Association, 1929, p. 258-85.

1921-1928; books, periodicals, bulletins, theses, and circulars; twenty-six studies considered in detail with a discussion of the problem, method, and findings for each.

370. **Nichols, F. G.** "Bibliography—Commercial Education in the Junior High School," Fifth Yearbook, Department of Superintendence. Washington: National Education Association, 1927, p. 453-4.

1912-1926; books, periodicals, bulletins, and surveys; selected; no annotations; preceded by a detailed review of twelve studies on this subject.

371. **Nolde, O. F.** *The Department of Christian Education in the Theological Seminary.* Philadelphia: University of Pennsylvania, 1929, p. 153-67.

1907-1928; books, periodicals, and other published material; extensive; no annotations; classified.

372. **Norman, J. W.** "A Comparison of Tendencies in Secondary Education in England and the United States," Teachers College, Columbia University Contributions to Education, No. 119. New York: Bureau of Publications, Teachers College, Columbia University, 1922, p. 177-86.

1863-1919; books, periodicals, bulletins, and other published material; 228 references; no annotations.

373. **Norton, J. K.** "The Ability of the States to Support Education." Washington: National Education Association, 1926, p. 77-85.

1920-1926; books, periodicals, bulletins, and other published material; seventy-three selected references; annotated, with brief statement of conclusions or suggestions in each reference; classified by types of sources.

374. **Noyes, F. K.** "Teaching Material in Government Publications," U. S. Bureau of Education Bulletin, 1913, No. 47. Washington: Government Printing Office, 1913. 61 p.

1896-1913; government publications; brief annotations; classified as agriculture, economics, geography, etc., with subdivisions.

375. **Nyquist, F. V.** "Some Historical Aims of Art Education," *School and Society*, 26:25-31, July 9, 1927.

1880-1927; books and periodicals; twenty-seven selected references given as footnotes in an article on the subject.

376. **Odell, C. W.** "An Annotated Bibliography Dealing with the Classification and Instruction of Pupils to Provide for Individual Differences," *University of Illinois Bulletin*, Vol. 21, No. 12. Bureau of Educational Research Bulletin, No. 16. Urbana: University of Illinois, 1923. 50 p.

1868-1923; books, periodicals, and other published material; brief annotations; two main divisions—discussions of and provisions for individual differences that involve use of standardized tests of general intelligence or achievement, and references about provisions and discussions that do not involve the use of such tests.

377. **Odell, C. W.** "A Selected Annotated Bibliography Dealing with Examinations and School Marks," *University of Illinois Bulletin*, Vol. 26, No. 20. Bureau of Educational Research Bulletin No. 43. Urbana: University of Illinois, 1929. 42 p.

1910-1926, a few earlier; books, periodicals, and other published material; 300 selected references; brief annotations; classified as general, traditional examinations, new-type tests, school marks, and prevention of cheating.

378. **Odell, C. W. and Blough, J. H.** "An Annotated Bibliography Dealing with Extra-Curricular Activities in Elementary and High Schools," *University of Illinois Bulletin*, Vol. 23, No. 24. Bureau of Educational Research Bulletin No. 29. Urbana: University of Illinois, 1925. 40 p.
1920-1925; books, periodicals, and other published material; not complete; classified as general, assemblies, athletics, citizenship, clubs and societies, finances, honor societies, publications, social life, and miscellaneous.
379. **Odum, H. W. and Jocher, Katherine.** *An Introduction to Social Research*. New York: Henry Holt and Company, 1929, p. 429-67.
1821-1929; books, periodicals, bulletins, and other published material; very extensive; no annotations; classified into four main divisions in accordance with the chief emphasis of the book, with each division again subdivided for books, and for periodicals, reprints, and pamphlets.
380. **Ogg, F. A.** *Research in the Humanistic and Social Sciences*. New York: Century Company, 1928, p. 429-54.
1878-1927; books, periodicals, proceedings, and other published material; about three hundred references; no annotations; classified under books, pamphlets, and documents and articles in periodicals, proceedings, etc.
381. **O'Hara, J. H.** *The Limitations of the Educational Theory of John Dewey*. Washington: Catholic University of America, 1929, p. 106-12.
1883-1929; books, periodicals, bulletins, and other published material; 151 references; no annotations; classified under: John Dewey; philosophy; philosophy of education; historical, psychological, and social; articles; miscellaneous.
382. **Orata, P. T.** *The Theory of Identical Elements*. Columbus: Ohio University Press, 1928, p. 183-200.
1891-1927; books, periodicals, bulletins, and other publications; 269 references; no annotations.
383. **Orfield, M. N.** "Federal Land Grants to the States with Special Reference to Minnesota," *University of Minnesota Studies in the Social Sciences*, No. 2. Minneapolis: University of Minnesota, 1915, p. 256-65.
Up to 1915; books, periodicals, bulletins, codes, and proceedings; annotated; topics cover historical development, state and national policies, and present status.
384. **Owens, A. A.** *The Behavior-Problem Boy*. Philadelphia: University of Pennsylvania, 1929, p. 137-45.
1900-1929; books, periodicals, theses, and reports; 137 selected references; no annotations.
385. **Paetow, L. J.** "The Arts Course at Medieval Universities with Special Reference to Grammar and Rhetoric," *University of Illinois Bulletin*, Vol. 7, No. 19. Urbana: University of Illinois, 1910, p. 113-34.
1787-1909; books, periodicals, other published material and unpublished manuscripts; some rather full annotations; classified as primary sources and secondary works.
386. **Payne, A. F.** *Methods of Teaching Industrial Subjects*. New York: McGraw-Hill Book Company, Inc., 1926, p. 263-82.
1829-1925; books, periodicals, bulletins, and other published material; 336 references; no annotations; classified under: suggestive reading lists on teaching as a profession, principles of teaching, on workers' education, meth-

ods of teaching, the project method, class management and discipline, job analysis, the rating of teachers, and a list of bibliographies on industrial education.

387. **Peters, I. L.** "Social and Vocational Orientation for College Women," Series 1, Vol. 1, No. 1. Richmond, Virginia: Southern Woman's Educational Alliance, 1926, p. 38-41.

1919-1925; books and bulletins; selected; no annotations; classified under: the education of women, historical occupational activities of women, the economic background of modern society, effect of industrial revolution on activities of women, etc.

388. **Phelps, Shelton.** "The Administration of County High Schools in the South," Peabody Contributions to Education, No. 6. Nashville, Tennessee: George Peabody College for Teachers, 1920, p. 152-53.

1914-1919; books, bulletins, constitutions, school laws, and other published material; brief; no annotations.

389. **Pierce, A. E.**¹⁸ Catalog of Literature for Advisers of Young Women and Girls. New York: H. W. Wilson Company, 1923. 149 p.

— 1923; books and periodicals; more than two thousand titles; many annotations; classified under: general works, philosophy, religion, sociology, natural sciences, useful arts, fine arts, and literature; further classified under these.

390. **Pierce, A. E.** Catalog of Student Health Literature. New York: Professional and Technical Press, 1927. 75 p.

— 1927; books, periodicals, and pamphlets; more than a thousand references; many annotations; classified under: bibliography, mental hygiene, temperament, habit formation, marriage, sexual ethics, school hygiene, student housing, heredity, personal hygiene, air, food, cleanliness of body, hygiene of recreation and sleep, hygiene of nervous system, public health, first aid, and swimming.

391. **Pierce, A. E.** Deans and Advisers of Women and Girls. New York: Professional and Technical Press, 1928, p. 599-623.

1920-1928, a few earlier; books, periodicals, yearbooks, and other published material; about four hundred references; a few annotations; classified under: general, social activities, chaperonage, right student spirit and attitude, women student organizations, undergraduate government, health promotion and maintenance, recreations and amusements, athletics, dress, personal appearance and manners; suggestions for talks to girls; inspiration of biographies; vocational guidance for girls, mental measurements and tests; student housing, management, student assistants and financing; personality, status, activities, and qualifications of deans; relation to the community; winning respect and support, writing and lecturing, office equipment and help, distinctive features of the work of the secondary school dean.

392. **Pintner, Rudolf.**¹⁹ "Intelligence Tests," *Psychological Bulletin*, 26:391-96, July, 1929.

1927-1929; books, periodicals, and bulletins; 125 selected references; summarized on pages 381-91.

393. **Plum, D. A.** "A Bibliography of American College Library Administration, 1899-1926," *New York State Library Bulletin*, No. 77. Albany: University of the State of New York Press, 1926. 84 p.

1899-1926; books, periodicals, and other published material; college catalogs, articles in encyclopedias, and yearbooks not included; selected; brief

¹⁸ The preparation of the third edition of this catalog, brought up to date, is now practically complete and will probably be ready for distribution this year.

¹⁹ Beginning in 1926, Pintner has summarized annually the literature on intelligence tests for the preceding year. These summaries have appeared in the July issues of the *Psychological Bulletin*. In 1926 the review covered the years, 1922-1925.

annotations made for all except certain groups of material (buildings, special collections, and handbooks); bibliographies, general, organization and administration, buildings, and library extension.

394. **Plum, D. A.**²⁰ "Bibliography of American College Library Administration, Supplement July, 1926—November, 1928," *College and Reference Library Yearbook*, No. 1. Chicago: American Library Association, 1929, p. 34-63.
1926-1928; books, periodicals, and bulletins; extensive; brief annotations; classified.
395. **Powers, F. F.** "Psychology of Language Learning," *Psychological Bulletin*, 26:270-74, May, 1929.
Through 1928, mostly since 1920; American and foreign books and periodicals; 105 selected references; no annotations.
396. **Powers, J. O.** "The Ethics of the Teaching Profession," *Journal of Educational Research*, 12:273-74, November, 1925.
1915-1923; books, periodicals, monographs, and published codes; thirty-four selected references; no annotations; classified as bibliography and published codes.
397. **Powers, S. R.** "A History of the Teaching of Chemistry in the Secondary Schools of the United States Previous to 1850," *Current Problems*, No. 13. Minneapolis: University of Minnesota, 1920, p. 53-61.
1880-1918; books, periodicals, bulletins, and other published material; selected; annotated; classified under: source material; works on history, education and history of education; histories of institutions; histories of science; biographies; textbook reviews; and miscellaneous.
398. **Pratt, C. C.** "Experimental Studies of Thought and Reasoning," *Psychological Bulletin*, 25:550-61, September, 1928.
1922-1926; books, periodicals, and bulletins, American and foreign; forty-six references; annotated in summary on pages 550-59.
399. **Pressey, L. C.** *Some College Students and Their Problems*. Columbus: Ohio State University Press, 1929, p. 95-97.
1907-1928; books, periodicals, and other published material; fifty-two references; no annotations; classified under: books bearing upon problems of college students, books dealing with problems of the modern college, and case studies of college students.
400. **Proctor, W. M.** "Bibliography on the High School Principal," *California Quarterly of Secondary Education*, 1:490-92, June, 1926.
— 1925; books and periodicals; sixty-nine references; no annotations; classified under books and magazines.
401. **Proctor, W. M., et al.** *The Junior College, Its Organization and Administration*. Stanford University, California: Stanford University Press, 1927, p. 203-17.
1905-1926; books, periodicals, and bulletins; ninety selected references; brief annotations.
402. **Purdom, T. L.** "The Value of Homogeneous Grouping," *University Research Monographs*, No. 1. Baltimore: Warwick and York, Inc., 1929, p. 93-96.
1872-1925; books, periodicals, bulletins, and other published material; fifty-one references; no annotations.

²⁰ This bibliography is a supplement to the "Bibliography of American College Library Administration, 1899-1926," published by New York State Library as *Bibliography Bulletin* 77.

403. **Putnam, H. C.** "Sex Instruction in Schools," Eighth Yearbook of the National Society for the Scientific Study of Education, Part II. Chicago: University of Chicago Press, 1909, p. 83-84.
1902-1907; books, periodicals, and other published material; eighteen references; annotated.
404. **Pyle, W. H.** "The Relation Between Intelligence and Teaching Success: A Supplementary Study," Educational Administration and Supervision, 14:257-67, April, 1928.
1905-1926; books, periodicals, and other published material; ninety-eight references; no annotations.
405. **Rapeer, L. W.** The Consolidated Rural School. New York: Charles Scribner's Sons, 1920, p. 520-42.
Up to 1920; books, periodicals, bulletins, and surveys; covers the topics of consolidation of districts, consolidation of rural schools, consolidation of schools, etc.
406. **Reals, W. H.** "A Study of the Summer High School," Teachers College, Columbia University Contributions to Education, No. 337. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 86-88.
1900-1927; books, periodicals, bulletins, National Education Association proceedings, and state school reports; forty-eight references; no annotations.
407. **Reavis, W. C. and Butsch, R. L. C.** "Abstracts of Unpublished Masters' Theses in the Field of Secondary-School Administration," National Education Association, Department of Secondary-School Principals, Bulletin No. 24. Cicero, Illinois: National Education Association, Department of Secondary School Principals, 1929, p. 202.
1927-1928; unpublished masters' theses; fifty-seven abstracts; classified under: principals and their duties, boards of education, administration of the teaching staff, problem pupils, comparison of groups of secondary-school pupils, examinations, use of tests in prediction and classification, correlation of physical and mental factors, effect of extra-class activities on school marks, publications, reading of secondary-school pupils, physical education and athletics, experiments with mastery technique, articulation of senior high schools and junior colleges, historical and survey studies, and miscellaneous studies.
408. **Reed, A. Y.** "Bibliography of Personnel Surveys," in Human Waste in Education. New York: Century Company, 1927, p. 431-42.
1872-1927; books, periodicals, reports, and other published material; about one hundred fifty references; no annotations.
409. **Reed, C. R., et al.** "Selected Books and Pamphlets on Adult Education," Seventh Yearbook, Department of Superintendence. Washington: National Education Association, 1929, p. 510-12.
1920-1928; books and pamphlets; thirty-seven selected references; no annotations.
410. **Reed, M. M.** "An Investigation of the Practices in First Grade Admission and Promotion," Teachers College, Columbia University Contributions to Education, No. 290. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 133-36.
1909-1926; books, periodicals, and bulletins; sixty selected references; no annotations.

411. **Reeves, C. E. and Ganders, H. S.** *School Building Management.* New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 375-79.
Through 1927; books, periodicals, and other published materials; ninety-one selected references.
412. **Reynolds, F. E.** "Publications of the U. S. Bureau of Education Pertaining to Rural Education," *Rural School Leaflet*, No. 36. Washington: Government Printing Office, 1924. 23 p.
1908-1924; bulletins, leaflets, and circulars; elaborate annotations; classified as bulletins, leaflets, and circulars; listed according to year published.
413. **Reynolds, M. M.** "Negativism of Pre-School Children," *Teachers College, Columbia University Contributions to Education*, No. 288. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 125-26.
1900-1927; books, periodicals, monographs, and other published material; forty references; no annotations.
414. **Roback, A. A.** *Bibliography of Character and Personality.* Cambridge, Massachusetts: Sci-Art Publishers, 1927. 340 p.
Through 1926; all sources, American and foreign; 3,341 references; no annotations; classified; cross indexed.
415. **Roberts, W. E.** "Manual Arts in the Junior High School," *U. S. Bureau of Education Bulletin*, 1924, No. 11. Washington: Government Printing Office, 1924, p. 85-89.
No dates given in general references; in selected references, 1918-1923; books and periodicals; quite an extensive general list but only title and author given; thirty additional selected references given.
416. **Robertson, A. I.** *Guide to the Literature of Home and Family Life.* Philadelphia: J. B. Lippincott Company, 1924. 284 p.
1900-1924; books, bulletins, and pamphlets; selected; brief annotations based upon "intent and scope" rather than literary evaluations; relate to the home and family, clothing and housing the family, house operation, house culture, health and the home, etc.
417. **Robinson, E. W.** "Memory," *Psychological Bulletin*, 21:591-94, October, 1921.
1920-1923; books, periodicals, and bulletins; sixty-eight references; summarized on pages 569-91.
418. **Robison, C. H.** "Agricultural Education in the Public High Schools of the United States," *Teachers College, Columbia University Contributions to Education*, No. 39. New York: Bureau of Publications, Teachers College, Columbia University, 1911, p. 191-200.
1907-1910; books, periodicals, and catalogs; 117 references, some annotations; covers high-school agriculture, clubs, curricula, historical, legislation, teachers, library, laboratory, etc.
419. **Rock, R. T., Jr.** "A Critical Study of Current Practices in Ability Grouping," *Catholic University of America Educational Research Bulletin*, Nos. 5 and 6. Washington: Catholic Education Press, 1929, p. 126-32.
1908-1929; books, periodicals, bulletins, yearbooks, and theses; extensive; no annotations.

420. **Rockwell, J. G.** "The Thyroid Gland," *Psychological Bulletin*, 25:341-60, June, 1928.
1895-1928; books, periodicals, bulletins, and other published material; 202 selected references; summarized on pages 341-50; discusses anatomy, malfunctioning, cretinism, goiter, thyroid and metabolism, and thyroid and learning.
421. **Roemer, Joseph and Allen, C. F.** *Readings in Extra-Curricular Activities*. New York: Johnson Publishing Company, 1929. 838 p.
1912-1929; books, periodicals, and other published material; 127 references; readings; classified under: underlying principles and philosophy of an extra-curricular activities program; social and moral outcomes of an extra-curricular activities program; organization and administration of an extra-curricular activities program; home-room activities; assemblies; pupil participation in school control; club activities; citizenship through a thrift program; health, physical education, and athletics in an extra-curricular activities program; publications; internal accounting in an extra-curricular activities program; scouts and scouting; dramatics, pageants, and carnivals; fraternities and sororities; high-school honor societies; study halls; libraries; commencements; school trips, parties, and excursions; musical organizations; literary societies, debating and public speaking; deans of girls.
422. **Roemer, Joseph, et al.** *Extra-Curricular Activities in Junior and Senior High Schools*. New York: D. C. Heath and Company, 1926, p. 261-330.
— 1926; books, periodicals, and other published material; very extensive; no annotations; classified under: underlying principles of an extra-curricular activities program; initiating and developing an extra-curricular activities program; faculty activities, or teachers' meetings; home-room activities; assemblies; student participation in school control; club activities; citizenship through a thrift program; citizenship through health program; athletics, including track and field meets; high-school publications; internal accounting in the local school; scouts and scouting; dramatics, pageants, and carnivals; high-school fraternities and sororities; high-school honor societies; study halls; the school library; commencements.
423. **Rogers, F. R.** "Physical Capacity Tests in the Administration of Physical Education," *Teachers College, Columbia University Contributions to Education*, No. 173. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 87-93.
1842-1925; books, periodicals, yearbooks, and other published material; 119 references; no annotations, but some of the references are referred to in the study.
424. **Rooney, J. R.** *The History of the Modern Subjects in the Secondary Curriculum*. Washington: Catholic University of America, 1926, p. 61-65.
Apparently, 1802-1925; books, bulletins, and other published material; 124 references; classified under: encyclopedias and general works, France, Germany, England, and United States.
425. **Routzahn, M. S.** *Traveling Publicity Campaigns, Educational Tours of Railroad Trains and Motor Vehicles*. New York: Russell Sage Foundation, 1920, p. 137-42.
1911-1919; periodicals, bulletins, and reports; forty-eight references; brief annotations.
426. **Ruch, G. M.** "The Influence of the Factor of Intelligence on the Form of the Learning Curve," *Stanford*, 1922. *Psychological Mono-*

graphs, Vol. 34, No. 7. Princeton, New Jersey: Psychological Review Company, 1925, p. 62-64.

1906-1925; books, periodicals, and bulletins; fifty-eight selected references; no annotations.

427. **Rufi, John.** "The Small High School," Teachers College, Columbia University Contributions to Education, No. 236. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 142-45.

1918-1925; books, periodicals, bulletins, surveys, and score cards; no annotations; classified as to types of sources.

428. **Rugg, E. U.** "Curriculum Studies in the Social Sciences and Citizenship," Colorado Teachers College Education Series, No. 3. Greeley: Colorado State Teachers College, 1928, p. 204-14.

— 1928; books, periodicals, and other published material; 158 references; no annotations; classified.

429. **Rugg, E. U.** "Investigations Dealing with the Learning Implications of the Social Studies," Fifth Yearbook, Department of Superintendence. Washington: National Education Association, 1927, p. 221-46.

1924-1927; books, monographs, theses; fifteen selected studies; fully annotated and summarized; supplements the bibliography published by H. O. Rugg in the Third Yearbook.

430. **Rugg, E. U.** "A Selected and Annotated Bibliography," in "The Social Studies in the Elementary and Secondary School," Twenty-Second Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1923, p. 305-9.

1850-1922; books, periodicals, and other published material; selected; brief annotations; historical developments, committee reports, question blank investigations, studies in curriculum-making, methods of teaching, and miscellaneous.

431. **Rugg, H. O.** "Annotated Bibliography of Recent Developments in the Use of Statistical Methods in Education," Twenty-First Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1922, p. 86-91.

1911-1921; books, periodicals, other published material, and privately published doctors' dissertations; not extensive; brief annotations; statistical methods employed in determining reliability of tests, detailed development of the theory of multiple correlation, new formulas for correlation, the use of Brown's formula, and short statistical methods.

432. **Rugg, H. O.** "Studies that Suggest Possible Methods of Determining the Problems of Contemporary Society," Third Yearbook, Department of Superintendence. Washington: National Education Association, 1925, p. 221-77.

1918-1924; books, periodicals, yearbooks, and theses; twenty-five selected studies; reviewed with methods and findings presented in detail; major conclusions drawn from the studies presented are found on pages 276-7.

433. **Rugg, H. O. and Shumaker, Ann.** *The Child-Centered School.* New York: World Book Company, 1928, p. 330-54.

1915-1927; books and periodicals; an extensive selection; brief annotations; classified; the most important references are starred.

434. **Ryan, H. H. and Crecelius, Philipine.** Ability Grouping in the Junior High School. New York: Harcourt, Brace and Company, 1927, p. 203-18.
1900-1927; books and periodicals; 221 selected titles; no annotations.
435. **Ryan, W. C., Jr.** "The Literature of American School and College Athletics," Carnegie Foundation for the Advancement of Teaching, Bulletin No. 24. New York: Carnegie Foundation for the Advancement of Teaching, 1929. 305 p.
1867-1929; books, periodicals, and other published material; 1,030 references; descriptive annotations.
436. **Saelinger, M. I.** The Effects of Summer Vacation Upon the Retention of the Elementary School Subjects. Washington: Catholic University of America, 1928, p. 98-99.
1912-1927; books, periodicals, bulletins, and other published material; twenty references; no annotations.
437. **Sanford, Vera.** "The History and Significance of Certain Standard Problems in Algebra," Teachers College, Columbia University Contributions to Education, No. 251. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 98-102.
1484-1927; books, periodicals, bulletins, and other published material; about one hundred references; no annotations; classified.
438. **Sayers, E. V.** "Educational Issues and Unity of Experience," Teachers College, Columbia University Contributions to Education, No. 357. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 110-13.
1876-1928; books, periodicals, and yearbooks; eighty-nine references; no annotations; classified under books examined for educational issues and books and articles used in developing the conception of unity of experience.
439. **Schaaf, W. L.** "A Course for Teachers of Junior High School Mathematics," Teachers College, Columbia University Contributions to Education, No. 313. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 155-60.
Apparently, 1888-1927; books, periodicals, yearbooks, and other published material; 228 references; no annotations; classified.
440. **Schorling, Raleigh, et al.** "Research in High School Mathematics," Sixth Yearbook, Department of Superintendence. Washington: National Education Association, 1928, p. 329-43.
1925-1928; books, periodicals, bulletins, yearbooks, and theses; eleven selected research studies annotated in detail; a brief summary of additional studies which are alphabetically arranged on pages 341-2 and referred to by number.
441. **Schrammel, H. E.** "The Organization of State Departments of Education," Ohio State University Studies, Bureau of Educational Research Monographs, No. 6. Columbus: Ohio State University Press, 1926, p. 169-71.
1908-1925; books, periodicals, and other published material; fifty-six references; no annotations.
442. **Schrumpf, P. P.** Tobacco and Physical Efficiency: A Digest of Clinical Data. New York: Haerber, 1927, p. 134.
— 1927; books, periodicals, theses, and other published material; about seven hundred titles; the studies reported are classified and their findings summarized.

443. **Schuttleworth, F. K.** "The Social Relations of Children," *Psychological Bulletin*, 24:708-16, December, 1927.
1924-1927; books, periodicals, and bulletins; 116 selected references; summarized on pages 708-12.
444. **Schwegler, R. A.** "A Study of Introvert-Extrovert Responses to Certain Test Situations," *Teachers College, Columbia University Contributions to Education*, No. 361. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 180-83.
1897-1927; books, periodicals, theses, and other published material; eighty-two selected references; no annotations.
445. **Schwesinger, G. C.** "The Social-Ethical Significance of Vocabulary," *Teachers College, Columbia University Contributions to Education*, No. 211. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 72-73.
1902-1926; books, periodicals, theses, and other published material; forty-three references; no annotations.
446. **Scott, A. W.** "A Comparative Study of Responses of Children of Different Nationalities and Environments on Intelligence and Achievement Tests," *Teachers College, Columbia University Contributions to Education*, No. 367. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 29-30.
1911-1926; books, periodicals, proceedings, and other published material; forty-four selected references; no annotations.
447. **Sears, J. B.** "The Literature and Problems of Public School Finance," *Educational Administration and Supervision*, 7:139-50, March, 1921.
1866-1921; books, periodicals, and other published material; extensive; no annotations; classified, general works with important bearing on public school finance, the legal basis of public-school finance, the practical status of education in public finance, the distribution of school expenditures, credit financing in public education, accounting and budgeting of public-school funds, purchasing and business management, and source materials.
448. **Sears, J. B.** "The Measurement of Teaching Efficiency," *Journal of Educational Research*, 4:81-94, September, 1921.
1905-1921; books, periodicals, and other published material; fifty-five references; no annotations.
449. **Searson, J. W., et al.** "Character Education," *United States Bureau of Education Bulletin*, 1926, No. 7. Washington: Government Printing Office, 1926, p. 68-84.
1900-1926; books, periodicals, bulletins, and other printed material; extensive; a few brief annotations.
450. **Seashore, C. E.** "The Present Status of Research in the Psychology of Music at the University of Iowa," *University of Iowa Studies, Series on Aims and Progress of Research*, Vol. 2, No. 4. Iowa City: University of Iowa, 1928, p. 23-29.
— 1928; books, periodicals, and other published material; 112 selected references; no annotations.
451. **Seashore, R. H.** "Individual Differences in Motor Skills," *Journal of General Psychology*, 3:63-65, January, 1930.
1896-1928; books, periodicals, monographs, and other published material; thirty-nine references; referred to by number in the study.

452. "A Selective Bibliography on the Concept of the Modern Elementary School," *Educational Method*, 8:292-93, February, 1929.
1900-1928; books; sixty-seven references; no annotations.
453. **Shachtman, Joseph.** "Elements of English Related to the Judgment of Poetry in Grade Eleven," *Teachers College, Columbia University Contributions to Education*, No. 373. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 49-51.
1904-1928; books, periodicals, theses, and other published material; sixty-three references; no annotations.
454. **Sharp, L. A.** "The Present Status of Rural Teachers in the South," *Peabody Contributions to Education*, No. 2. Nashville, Tennessee: George Peabody College for Teachers, 1920, p. 83.
1913-1918; books, periodicals, and bulletins; not extensive; no annotations; classified.
455. **Sharp, L. B.** "Education and the Summer Camp," *Teachers College, Columbia University Contributions to Education*, No. 390. New York: Bureau of Publications, Teachers College, Columbia University, 1930, p. 111-14.
1910-1929; books, theses, and reports; ninety-six references; no annotations.
456. **Shaw, F. L.** "State School Reports," *Teachers College, Columbia University Contributions to Education*, No. 242. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 139-42.
1885-1924; books, periodicals, bulletins, reports, and other published material; thirty-three references; annotations to most references.
457. **Shryock, R. H.** "Guide to the Materials in the History Teacher's Magazine and the Historical Outlook, Volumes I to XVI, 1909-1925," *Historical Outlook*, 16:355-94, December, 1925.
1909-1925; periodicals; very extensive; brief annotations; classified under twenty-two divisions pertaining to teaching and history.
458. **Shultz, I. T.** *A Descriptive and Predictive Study of a Class in a School of Education.* Philadelphia: University of Pennsylvania, 1928, p. 104-7.
1906-1928; books, periodicals, bulletins, and other published material; thirty-three references; annotations.
459. **Shuttleworth, F. K.** "The Social Relations of Children," *Psychological Bulletin*, 24:708-16, December, 1927.
1924-1927; books, periodicals, monographs, and other published material; 116 selected references; referred to by number in the review.
460. **Slesinger, Donald and Pilpel, E. M.** "Bibliography on Legal Psychology," *Psychological Bulletin*, 26:683-92, December, 1929.
1909-1929; books, periodicals, bulletins, and other published material; 167 references; no annotations.
461. **Smith, D. E. and Foberg, J. A.** "Bibliography of the Teaching of Mathematics—1911-21," In *Reorganization of Mathematics in Secondary Education.* Hanover, New Hampshire: Mathematics Association of America, 1923, p. 538-627.
Through 1922; books, periodicals, articles, and other printed material; 569 references; annotated; classified.

462. **Smith, D. E. and Goldziher, Charles.** "Bibliography of the Teaching of Mathematics, 1900-1912," U. S. Bureau of Education Bulletin, 1912, No. 29. Washington: Government Printing Office, 1912. 95 p.
1900-1912; books (excluding textbooks), periodicals, and other published material; 1,894 titles; no annotations; classified as general topics, mathematics in secondary schools, etc.
463. **Smith, F. E.** "A Selected List of Books, Pamphlets, and Magazine Articles on Part-Time Education," University of the State of New York Bulletin, No. 746. Albany: University of the State of New York, 1922. 28 p.
1919-1922, a few earlier; periodicals, bulletins, circulars, pamphlets, proceedings, courses of study, and other published material; selected; some references are briefly annotated; classified as general, part-time education including legislative acts in various states and cities, the coordination in part-time education, suggestive courses of study, job analysis, vocational education, etc.
464. **Smith, H. J.** "Occupational Descriptions and Their Uses," Vocational Guidance Magazine, 7:361-67, May, 1929.
1908-1928; books, periodicals, bulletins, and other published material; five hundred items; no annotations; classified under: one hundred books more or less definitely descriptive of specific vocations, books of information and inspiration to those concerned with occupational studies, suggestions of the kind and amount of occupational materials procurable from various sources, periodical references concerning occupational studies and the use of resultant information.
465. **Smith, H. J.** "Objective Measurement in Industrial Education," Industrial Education Magazine, 31:335-36, March, 1930.
1919-1929; periodicals; 110 references; no annotations.
466. **Smith, H. L. and Chamberlain, L. M.** "A Bibliography of School Buildings, Grounds, and Equipment," Indiana University School of Education Bulletin, Vol. 5, No. 3. Bloomington: Indiana University, 1928. 326 p.
Through 1927; books, periodicals, bulletins, and other published material; 2,663 references; annotated; classified; cross reference index.
467. **Smith, H. L. and Wright, W. W.** "Second Revision²¹ of the Bibliography of Educational Measurements," Indiana University School of Education Bulletin, Vol. 4, No. 2. Bloomington: Indiana University, 1927, p. 9-251.
To date of publication; descriptive annotations; classified by subject.
468. **Smith, H. P.** "The Business Administration of a City School System," Teachers College, Columbia University Contributions to Education, No. 197. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 94-96.
1910-1925; books, periodicals, surveys, and other published material; sixty-one references; no annotations; classified under types of sources.
469. **Snyder, Agnes.** "The Value of Certain Measurements in the Training of Teachers," Johns Hopkins University Studies in Education, No. 9. Baltimore: Johns Hopkins Press, 1928, p. 139-41.
1913-1927; books, periodicals, bulletins, and other published material; fifty-five references; no annotations; classified under: the use of tests and measurements in teacher training, the rating of teachers, statistics, reading, spelling, and arithmetic.

²¹ Original, 1923, 120 p., and first revision, 1925, 148 p., published without author's name.

470. **Society of College Teachers of Education, Committee on Practice Teaching for Secondary Schools.** "Bibliography on the Training of High-School Teachers," Eighteenth Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1919, p. 355-58.
1901-1918, a few earlier; books, periodicals, and other published material; no annotations; classified as contributions previous to 1907, contributions since 1907, references regarding training in practice in foreign fields, and articles appearing since committee began work.
471. **Spaulding, F. T.** "The Small Junior High School," Harvard Studies in Education, Vol. 9. Cambridge: Harvard University Press, 1927, p. 213-18.
1913-1926; books, periodicals, bulletins, and other published material; thirty-two references; annotations.
472. **Spencer, L. T.** "The Curve of Continuous Work and Related Phenomena," Psychological Bulletin, 24:467-72, August, 1927.
1921-1925; books and periodicals; thirty-seven selected references; summarized on pages 467-81.
473. **Stetson, F. L.** "The Organization and Administration of Health Education in the Secondary Schools of the United States," University of Oregon Publication, Education Series, Vol. 1, No. 2. Eugene: University of Oregon, 1927, p. 111-12.
1917-1926; periodicals, bulletins, and reports; seventy-four references; no annotations.
474. **Stetson, P. C., et al.** "Bibliography on Industrial Arts for Pupils and Teachers," Fifth Yearbook, Department of Superintendence. Washington: National Education Association, 1927, p. 429.
1918-1926; books and periodicals; selected; no annotations; classified as to source; preceded by a detailed review and summary by R. C. Wallner of thirteen studies of the subject.
475. **Stevenson, P. R.** "School Publicity in Periodicals," Ohio State University, College of Education, Educational Research Bulletin, Vol. 5, No. 4. Columbus: Ohio State University, February, 1926, p. 82-3.
1924-1926; periodicals; fifty-one references; no annotations; summarized on pages 81-82.
476. **Stogdill, Z. L.** "Student Maladjustment. (A bibliography)," Ohio College Association Bulletin, No. 50. Columbus: Ohio State University, 1928. 49 p.
1881-1928; books, periodicals, bulletins, survey reports, proceedings of association, and other published material; selected; a few annotations, some giving brief summaries of the material and others giving typical quotations.
477. **Stoke, S. M.** "Occupation Groups and Child Development," Studies in Educational Psychology and Educational Measurements, Harvard Monographs in Education, No. 8. Cambridge: Harvard University Press, 1927, p. 91-92.
1878-1927; books, periodicals, and other published material; forty-eight references; no annotations.
478. **Stone, C. P.** "Recent Contributions to the Experimental Literature on Native or Congenital Behavior," Psychological Bulletin, 24:36-61, January, 1927.
1912-1926; American and foreign books and periodicals; sixty-four selected references; summarized on pages 36-58.

479. **Stout, J. E.** "The Development of High-School Curricula in the North Central States from 1860 to 1918," *Supplementary Educational Monographs*, Vol. 3, No. 3. Chicago: University of Chicago Press, 1921, p. 292-316.

1850-1918; books, periodicals, school reports, courses of study, and other published material; extensive; no annotations; classified under: authorities and sources, courses of study, and textbooks.

480. **Strang, Ruth.** "Subject Matter in Health Education," *Teachers College, Columbia University Contributions to Education*, No. 222. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 104-8.

1918-1924; books, bulletins, and courses of study; selected; elaborate annotations; contains a list of textbooks on health.

481. **Strayer, G. D.** "Report of the Committee of the National Council of Education on Standards and Tests for Measuring the Efficiency of Schools or System of Schools," *U. S. Bureau of Educational Bulletin*, 1913, No. 13. Washington: Government Printing Office, 1913, p. 11-23.

1902-1912; books, periodicals, and other published material; 339 titles; no annotations; classified, measurement in education, retardation and elimination, backward pupils, exceptional children, high-school problems, etc.

482. **Strayer, G. D.** "The Scientific Approach to the Problems of Educational Administration," *School and Society*, 24:685-95, December, 1926.

Up to 1926; books, bulletins, and monographs; not extensive; given as footnotes and partially summarized in the article; classified as references to short discussions on governmental control, financing, registration, organization, curricula, training, coöperation, business, reporting, etc.

483. **Strayer, G. D., Engelhardt, N. L., et al.** *Problems in Educational Administration*. New York: Bureau of Publications, Teachers College, Columbia University, 1925. 755 p.

Apparently 1898-1925; books, periodicals, and other published material; brief but useful bibliographies at the end of each chapter; no annotations; covers such problems as buildings and equipment, records, extra-curricular activities, etc.

484. **Stroh, M. M.** "Literature for Grades VII, VIII, and IX," *Teachers College, Columbia University Contributions to Education*, No. 232. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 95-100.

1889-1926; books, periodicals, bulletins, and other published material; 137 references; no annotations.

485. **Strong, E. K. and Uhrbrock, R. S.** *Job Analysis and the Curriculum*. Baltimore: Williams and Wilkins Company, 1923, p. 140-46.

1911-1922; books, periodicals, bulletins, and other published material; one hundred selected references; no annotations.

486. **Sturtevant, S. M. and Hayes, Harriet.** "Extra-curricular Activities," *Teachers College Record*, 29:746-49, May, 1928.

1924-1927; books, yearbooks, addresses, manuals, and other printed material; carefully selected references; brief annotations; classified under: colleges, high schools, and student organizations.

487. **Sturtevant, S. M. and Hayes, Harriet.** "A Partial Bibliography for Deans of Women and Girls, Selected and Briefly Annotated," *Teachers College Record*, 29:628-47, 739-52; April, May, 1928.
1914-1928; books, periodicals, addresses, and other published material; classified.
488. **Sturtevant, S. M. and Hayes, Harriet.** "The Use of the Interview in Advisory Work," *Teachers College Record*, 28:561-621, February, 1927.
1905-1925; books and periodicals; twenty-two carefully selected references; no annotations.
489. **Sudweeks, Joseph.** "Helps in Teaching Spelling," *Journal of Educational Research*, 16:116-18, September, 1927.
1902-1926; books, periodicals, bulletins, and yearbooks; sixty selected references; no annotations; preceded by an article summarizing the findings and referring to the various references by number.
490. **Sullivan, E. B.** "Attitude in Relation to Learning," *Psychological Monographs*, Vol. 36, No. 3. Princeton, New Jersey: Psychological Review Company, 1927, p. 142-49.
1900-1926; books, periodicals, and bulletins, American and foreign; 174 selected references; no annotations.
491. **Sutton, W. A., et al.** "Bibliography on Health Training and Instruction in Junior and Senior High Schools," *Sixth Yearbook*, Department of Superintendence. Washington: National Education Association, 1928, p. 467-76.
1917-1928; books, periodicals, and bulletins; selected; no annotations; classified under equipment and instruction.
492. **Swift, F. H.** *Public Permanent Common School Fund in U. S., 1795-1905.* New York: Henry Holt and Company, Inc., 1911, p. 457-68.
1787-1905; books, bulletins, reports, state constitutions, and other published material; no annotations; classified.
493. **Swift, F. H.** "Studies in Public School Finance: The West, California, and Colorado," *Research Publications of the University of Minnesota, Education Series, No. 1.* Minneapolis: University of Minnesota, 1925, p. 201-205.
— 1925; books, periodicals, and other published material; extensive; no annotations; classified.
494. **Swift, F. H. and Goldthorpe, J. H.** "Studies in Public School Finance; the South, Arkansas, Oklahoma, Alabama, Tennessee," *Research Publications of the University of Minnesota, Education Series, No. 4.* Minneapolis: University of Minnesota, 1925, p. 201-207.
— 1925; books, periodicals, and other published material; extensive; no annotations; classified.
495. **Swift, F. H., et al.** "Studies in Public School Finance: The East—Massachusetts, New York, and New Jersey," *Research Publications of the University of Minnesota, Education Series, No. 2.* Minneapolis: University of Minnesota, 1923, p. 215-21.
— 1923; books, periodicals, and other published material; extensive; no annotations; classified.

496. **Swift, F. H., et al.** "Studies in Public School Finance: The Middle West, Illinois, Minnesota, South Dakota, with a Supplement on Alaska," Research Publications of the University of Minnesota, Education Series, No. 3. Minneapolis: University of Minnesota, 1925, p. 305-12.
 — 1925; books, periodicals, and other published material; extensive; no annotations; classified.
497. **Symonds, P. M.** *Measurement in Secondary Education.* New York: Macmillan Company, 1927. 588 p.
 Up to 1927; books, articles, and other published material; a comprehensive and well classified list of references is to be obtained by combining those at the ends of the chapters; no annotations.
498. **Symonds, P. M.** "Special Disability in Algebra," Teachers College, Columbia University Contributions to Education, No. 132. New York: Bureau of Publications, Teachers College, Columbia University, 1923, p. 86-88.
 1902-1922; books, periodicals, bulletins, and other published material; fifty-eight references; no annotations.
499. **Taylor, H. C.** "The Educational Significance of the Early Federal Land Ordinances," Teachers College, Columbia University Contributions to Education, No. 118. New York: Bureau of Publications, Teachers College, Columbia University, 1922, p. 126-28.
 1774-1909; books and statutes; selected; no annotations.
500. **Taylor, H. R.** "Teacher Influence on Class Achievement: A Study of the Relationship of Estimated Teaching Ability to Pupil Achievement in Reading and Arithmetic," Genetic Psychology Monographs, 7:170-74, February, 1930.
 1902-1927; books, periodicals, bulletins, and other published material; seventy-four references; referred to by number in the study.
501. **Teagarden, F. M.** "A Study of the Upper Limits of the Development of Intelligence," Teachers College, Columbia University Contributions to Education, No. 156. New York: Bureau of Publications, Teachers College, Columbia University, 1924, p. 104-112.
 1898-1924; books, periodicals, bulletins, and other published material; 185 references; a few brief annotations.
502. **Terman, L. M. and Lima, Margaret.** *Children's Reading, Part II.* New York: D. Appleton and Company, 1926, p. 95-278.
 No dates given; books; elaborate annotations; classified as picture books, children's literature, fairy tales, myths, Bible stories, and general fiction.
503. **Theisen, W. W.** "Factors Affecting Results in Primary Reading," Twentieth Yearbook of the National Society for the Study of Education, Part II. Bloomington, Illinois: Public School Publishing Company, 1921, p. 22-24.
 1886-1920; books, periodicals, and monographs; thirty-five references; no annotations.
504. **Thomas, M. W.** "Public School Plumbing Equipment," Teachers College, Columbia University Contributions to Education, No. 282. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 125-28.
 To 1927; books and periodicals; no annotations; classified.

505. **Thompson, Helen.** "An Experimental Study of the Beginning Reading of Deaf-Mutes," Teachers College, Columbia University Contributions to Education, No. 254. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 81-83.
1821-1921; books, periodicals, monographs, and other published material; fifty-two references; no annotations.
506. **Thomson, M. K.** The Springs of Human Action, A Psychological Study of the Sources, Mechanism and Principles of Motivation in Human Behavior. New York: D. Appleton and Company, 1927, p. 475-88.
1887-1925; books, periodicals, and monographs; 248 references; no annotations.
507. **Thurber, C. H.** "Fiscal Support of State Universities and State Colleges," U. S. Bureau of Education Bulletin, 1924, No. 28. Washington: Government Printing Office, 1925, p. 160-61.
1884-1922; books, periodicals, other published material, and unpublished manuscripts; very brief; no annotations; general, reports and finance, taxation, and surveys.
508. **Tidwell, C. J.** "State Control of Textbooks," Teachers College, Columbia University Contributions to Education, No. 299. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 73-78.
1902-1927; books, periodicals, state reports, editorials, and other published material; 119 references; no annotations; classified.
509. **Tidyman, W. F.** "The Teaching of Spelling," School Efficiency Monographs. New York: World Book Company, 1919, p. 163-76.
1892-1919; books, periodicals, other published material, and unpublished manuscripts; selected; no annotations; classified as spelling material, the psychology of spelling, the pedagogy of spelling, scaled and standard tests, factors, affecting spelling efficiency, and general studies—summaries, discussions, etc.
510. **Tink, E. L.** "Certain Phases of County Education Organization," Teachers College, Columbia University Contributions to Education, No. 363. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 102-3.
— 1929; books, periodicals, theses, laws, and reports; selected; no annotations.
511. **Tinker, M. A.** "Legibility and Eye Movement in Reading," Psychological Bulletin, 24:621-39, November, 1927.
1879-1926; books, periodicals, bulletins, and other published material; eighty-one selected references; summarized in the study on pages 621-35.
512. **Tinker, M. A.** "Visual Apprehension and Perception in Reading," Psychological Bulletin, 26:223-40, April, 1929.
1871-1928; books, periodicals, and other published material; 110 references; referred to by number in the review.
513. **Tolman, E. C.** "Habit Formation and Higher Mental Processes in Animals," Psychological Bulletin, 24:29-38, January, 1927; 25:24-53, January, 1928.
1917-1928; books, periodicals, and bulletins, American and foreign; selected; no annotations; references numbered and referred to in the study.

514. **Touton, F. C.** "A Selected and Annotated Bibliography on Professional Books in Education," *California Quarterly of Secondary Education*, 1:93-152, January, 1925.
 — 1925; books; extensive comprehensive annotations; classified under books recommended for the professional library of a principal of a secondary school and books recommended for the professional libraries of teachers of secondary schools.
515. **Travis, L. E.** "Recent Research in Speech Pathology," *Psychological Bulletin*, 26:275-304, May, 1929.
 1912-1929; books, periodicals, and other published material; fifty-one references; referred to by number in the review.
516. **Trow, C. W. and McLouth, Florence.** "An Improvement Card for Student-Teachers," *Educational Administration and Supervision*, 15:131-33, February, 1929.
 1896-1928; books, periodicals, and other published material; forty-six selected references; no annotations.
517. **Troxell, O. T.** *State Control of Secondary Education*. Baltimore: Warwick and York, Inc., 1928, p. 218-230.
 1915-1926; books, periodicals, bulletins, and other published material; extensive; no annotations; classified under: books and articles, publications of the United States Bureau of Education, state school laws, state standards on requirements for classification, and reports of state boards or departments of education.
518. **Tryon, R. M.** "Standard and New Type Tests in the Social Studies," *Historical Outlook*, 18:172-78, April, 1927.
 1915-1926; books and periodicals; brief annotations; classified as standard tests in the social studies, special and unstandardized tests in the social studies, composite tests that include tests in the social studies, and magazine material dealing primarily with standard tests in history.
519. **Tuttle, Ronald.** *Classified Bibliography of Boy Life and Organized Work with Boys*. New York: Association Press, 1919. 198 p.
 To 1917; books and periodicals; about fifteen hundred titles; no annotations; classified.
520. **Uhrbrock, R. S.** "An Analysis of the Downey Will-Temperament Tests," *Teachers College, Columbia University Contributions to Education*, No. 296. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 73-78.
 1908-1927; books, periodicals, monographs, and other published material; ninety-three references; no annotations.
521. **U. S. Bureau of Education.** "Annotated Bibliography of Medical Inspection and Health Supervision of School Children in the United States for the Years 1909-1912," *Bulletin*, 1913, No. 16. Washington: Government Printing Office, 1913. 136 p.
 1909-1912; books, periodicals, and other published material; very inclusive; elaborate annotations, some include tables, charts, etc.; classified as medical inspection of eyes, ears, nose, throat, the school nurse, training of medical inspection, medical inspection in individual localities and institutions, etc.
522. **U. S. Bureau of Education.** "Bibliography of Education in Agriculture and Home Economics," *Bulletin*, 1912, No. 10. Washington: Government Printing Office, 1912. 62 p.
 1880-1912; books, periodicals, and other published material; 578 references; brief annotations; classified.

523. **U. S. Bureau of Education.** "Certain Aspects of Rural Education," Bulletin, 1927, No. 4. Washington: Government Printing Office, 1927. 56 p.
1920-1926; books, periodicals, and bulletins; annotated; covers topics of administration and organization; curriculum, theory of; historical, surveys, testing and measuring, teachers, etc.
524. **U. S. Bureau of Education.** "City and Rural Schools as Social Centers," Tenth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1911, p. 67-71.
1898-1910; books, periodicals, and bulletins; fifty-seven references; some annotations.
525. **U. S. Bureau of Education.** "An Outline of Methods of Research with Suggestions for High School Principals and Teachers," Bulletin, 1926, No. 24. Washington: Government Printing Office, 1926, p. 28-31.
1915-1922; books, periodicals, and bulletins; fifty references; annotated; classified as general methods of research, statistics, the report, the types of research studies in the field of secondary education.
526. **U. S. Bureau of Education.** "Titles of Completed Research from Home Economics Departments in American Colleges and Universities, 1918 to 1923," Home Economics Circular, No. 18. Washington: Government Printing Office, 1924. 14 p.
1918-1923; periodicals and unpublished material; no annotations; classified according to purpose, as theses offered for degree of master of arts and science, etc.
527. **U. S. Bureau of Education, Library Division.** "List of References on the Economic Value of Education," Library Leaflet, No. 4. Washington: Government Printing Office, 1919. 7 p.
1880-1919; books, periodicals, and other published material; not extensive; a few brief annotations.
528. **U. S. Bureau of Education, Library Division.** "List of References on Education of Women in the United States," Library Leaflet, No. 19. Washington: Government Printing Office, 1923. 7 p.
1894-1923; books, periodicals, and other published material; about 125 references; a few very brief annotations; classified under history, general discussion, higher education, industrial and vocational education, and women in the professions.
529. **U. S. Bureau of Education, Library Division.** "List of References on Home Economics," Library Leaflet, No. 21. Washington: Government Printing Office, 1923. 21 p.
1910-1923; books, periodicals, and other published material; fairly extensive; very brief annotations; classified as schools, universities, and special subjects; short bibliography included; periodicals listed.
530. **U. S. Bureau of Education, Library Division.** "List of References on Maria Montessori and Her Methods." Washington: Government Printing Office, 1914. 4 p.
1904-1914; books and periodicals; brief annotations.
531. **U. S. Bureau of Education, Library Division.** "List of References on the Money Value of Education," Library Leaflet, No. 24. Washington: Government Printing Office, 1924. 7 p.
1912-1924; books, periodicals, and other published material; brief annotations; classified according to different kinds of education, such as vocational, technical, etc., value to the individual, and value to the community.

532. **U. S. Bureau of Education, Library Division.** "List of References on Mothers' Clubs and Parent-Teacher Associations." Washington: Government Printing Office, 1914. 4 p.
1899-1906; books, periodicals, and other published material; a few very brief annotations.
533. **U. S. Bureau of Education, Library Division.** "List of References on Moving Pictures in Education." Washington: Government Printing Office, 1914. 4 p.
1909-1914; books, periodicals, and other published material; no annotations.
534. **U. S. Bureau of Education, Library Division.** "List of References on Play and Playgrounds," Library Leaflets, No. 3, No. 29. Washington: Government Printing Office, 1919, 1924. 11 p., 13 p.
1901-1924; books, periodicals, and other published material; very brief annotations.
535. **U. S. Bureau of Education, Library Division.** "List of References on Rural Life and Culture," Library Leaflet, No. 26. Washington: Government Printing Office, 1924. 12 p.
1914-1924; books, periodicals, and other published material; brief annotations; classified according to phases of rural life, such as churches, education, and special localities.
536. **U. S. Bureau of Education, Library Division.** "List of References on Student Self-Government." Washington: Government Printing Office, 1914. 6 p.
1880-1913; books, periodicals, and other published material; selected; very brief annotations; classified as general, high schools, colleges and universities, and the honor system in colleges.
537. **U. S. Bureau of Education, Library Division.** "List of References on Student Self-Government and the Honor System," Library Leaflet, No. 31. Washington: Government Printing Office, 1925. 6 p.
1913-1925, a few earlier; books, periodicals, and other published material; not extensive; a few brief annotations; general references, high schools, colleges and universities, the honor system.
538. **U. S. Bureau of Education, Library Division.** "List of References on Visual Education," Library Leaflet, No. 18. Washington: Government Printing Office, 1923. 11 p.
1909-1923; books, periodicals, and other published material; very brief annotations, not included with all references; general references, lantern slides, and moving pictures.
539. **U. S. Bureau of Education, Library Division.**²² "List of References on Vocational Education," Library Leaflet, No. 7. Washington: Government Printing Office, 1919. 16 p.
1905-1919; books, periodicals, other published material, and unpublished manuscripts; brief annotations; classified, general, references on elementary schools, high schools, vocational training of women, federal and state aid, and vocational surveys.
540. **United States Children's Bureau.** References on the Physical Growth and Development of the Normal Child. Washington: Government Printing Office, 1927.
— 1927; books, periodicals, bulletins, theses, and other sources; 2,436 references; annotated; classified under: general physical growth, the growth of various special parts, metabolism, adolescence, and physical fitness.

²² References on this subject are also in *U. S. Bureau of Education Library Leaflets* Nos. 25 and 15, November, 1924 and 1922, respectively. 20 and 20 p.

541. **University of Pittsburgh, School of Education.** "Bibliography of Studies in Elementary Education, 1924-1929," *University of Pittsburgh School of Education Journal*, 4:93, 104, March-April, 1929. 1924-1929; theses; thirty-one selected references; annotated; classified as M.A. and Ph.D. theses.
542. **Upshall, C. C.** "Day Schools vs. Institutions for the Deaf," *Teachers College, Columbia University Contributions to Education*, No. 389. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 103-04. 1843-1928; books, periodicals, monographs, and other published material; thirty-nine selected references; no annotations.
543. **Van De Voort, A. M.** "The Teaching of Science in Normal Schools and Teachers Colleges," *Teachers College, Columbia University Contributions to Education*, No. 287. New York: Bureau of Publications, Teachers College, Columbia University, 1927, p. 88-96. 1832-1927; books, periodicals, proceedings, and other published material; 187 references; no annotations.
544. **Vanuxem, Mary.** "Education of Feeble-Minded Women," *Teachers College, Columbia University Contributions to Education*, No. 174. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 68-74. 1888-1924; books, periodicals, bulletins, and other published material; 105 references; no annotations.
545. **Vaughan, W. E.** "Articulation in English Between the High School and College," *Teachers College, Columbia University Contributions to Education*, No. 370. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 73-76. 1896-1929; books, periodicals, bulletins, and other published material; seventy-nine selected references; no annotations.
546. **Voegelein, L. B.** "Selected Bibliography on Class-Size," *Ohio College Association Bulletin*, No. 44. Columbus: Ohio State University, Bureau of Educational Research, 1928. 3 p. 1909-1928; books, periodicals, proceedings, and other published material; selected; no annotations.
547. **Wade, I. W.** "A Method for Using the History of Chemistry as a Teaching Aid," *School Science and Mathematics*, 28:877-80, November, 1928. No dates given; books; twenty references; no annotations.
548. **Wagenhorst, L. H.** "The Administration and Cost of High School Interscholastic Athletics," *Teachers College, Columbia University Contributions to Education*, No. 205. New York: Bureau of Publications, Teachers College, Columbia University, 1926, p. 125-34. 1909-1926; books, periodicals, and other published material; selected; very brief annotations; classified, historical, philosophical and psychological, general, values, administration, etc.
549. **Walch, R. H.** "The Use of Mental Tests in Guidance," *Vocational Guidance Magazine*, 6:97-111, December, 1927. 1916-1926; books, periodicals, and bulletins; seventy-four references; no annotations, but referred to by number in the article.
550. **Walker, H. M.** *Studies in the History of Statistical Method*. Baltimore: Williams and Wilkins Company, 1929, p. 193-215. Through 1928; books, periodicals, and other published material, English and foreign; no annotations.

551. **Walker, J. G.** "Annotated Bibliography on Guidance Through Teaching How to Study," *Vocational Guidance Magazine*, 7:82-84, November, 1928.
1901-1927; books and bulletins; twenty-nine references; annotations.
552. **Walkley, R. L.** "Bibliography of the Relation of Secondary Schools to Higher Education," *U. S. Bureau of Education Bulletin*, 1914, No. 32. Washington: Government Printing Office, 1914. 57 p.
1845-1914; books, periodicals, and other published material; extensive; brief annotations for older articles, full annotations for more recent articles; classified by subject as bibliography, general, entrance requirements, tables, teaching curriculum, special subjects, etc.
553. **Wallin, J. E. W.** *Problems of Subnormality*. New York: World Book Company, 1921, p. 463-72.
1890-1920; books, periodicals, and other published material; no annotations; classified under: feeble-minded children; care, training and education; retarded, backward and abnormal; psychological investigations; delinquency; epileptic; Binet-Simon scale; and heredity.
554. **Walter, M. W.** *Thrift Education Through School Savings*. Boston: Women's Educational and Industrial Union, 1928, p. 65-70.
1887-1927; books, periodicals, bulletins, and other published material; brief; a few annotations.
555. **Washburn, M. F.** "Feeling and Emotion," *Psychological Bulletin*, 24:573-95, October, 1927.
1925-1927; books, periodicals, bulletins, and other published material; eighty-one selected references; annotated, classified, and summarized on pages 573-92.
556. **Watkins, R. K.** "Bibliography of Project Teaching in General Science," *General Science Quarterly*, 8:522-29, March, 1924.
1897-1924; books, periodicals, and other published material; extensive; no annotations.
557. **Watson, G. B.** "Character Tests of 1926," *Vocational Guidance Magazine*, 5:302-09, April, 1927.
1926; books and articles; 167 selected references; annotated; summarized under: ratings, tests of social attitudes and information, extroversion-introversion, previously standardized tests, interest, case studies, questionnaires, physiological indications of personality, and various conduct tests. This monograph constitutes an extensive study of the literature of the subject.
558. **Watson, G. B. and Biddle, D. H.** "A Year of Research—1927," *Religious Education Monograph*, 1929, No. 4. Chicago: Religious Education Association, 1929. 82 p.
1927; books, periodicals, reports, theses, and other published material; 506 references; annotations; summarized on pages 1-24.
559. **Webb, F. S.** "Bibliography of All-Year Schools and Vacation Schools in the United States," *U. S. Bureau of Education Library Leaflet*, No. 23. Washington: Government Printing Office, 1923. 15 p.
1876-1922; books, periodicals, and other published material; brief annotations.

560. **Weber, J. J.**²³ "Bibliography on the Use of Visual Aids in Education, *Educational Screen*, 9:29-31, 61-63, 93-95; January, February, March, 1930.
1920-1929, a few earlier; books, periodicals, and other published material; 291 references; a few annotations; classified.
561. **Weeks, R. M., et al.** "Bibliography for High-School English, for Sections of Differing Ability," *English Journal*, 17:128-36, February, 1928.
1920-1927; books, periodicals, bulletins, and yearbooks; sixty-two references; brief annotations; classified under: actual changes of curriculum for homogeneous groups, teachers for the three levels, tests of the efficiency of grouping, individual instruction, supervised study, and mass differentiation on vocational lines.
562. **West, H. S., et al.** "Annotated Bibliography on Research Studies Bearing on Articulation Problems at the Elementary School Level," Seventh Yearbook, Department of Superintendence. Washington: National Education Association, 1929, p. 102-8.
1911-1928; books, periodicals, bulletins, and pamphlets; selected; annotated; follows pages 87-101, devoted to a detailed review of thirteen selected research studies bearing on the subject.
563. **Werner, O. H.** *Every College Student's Problems*. New York: Silver, Burdett and Company, 1929, p. i-xx.
— 1929; books, periodicals, and other published material; extensive; no annotations; classified under: athletics, chapel, college life, cost, enjoying life, etiquette, fraternities, function of a college education, honor system, measurement tests and examinations, college morals, nature of the American college, personality, physical efficiency, problems of college freshmen, reading, religion, student activities, study, investment of time, use of library, value of a college education, vocational choice, who should go to college, for the instructor.
564. **Westenberger, E. J.** *A Study of the Influence of Physical Defects Upon Intelligence and Achievement*. Washington: Catholic University of America, 1927, p. 50-53.
1876-1927; books, periodicals, bulletins, and other published material; sixty-eight references; no annotations.
565. **Whipple, G. M.** "An Annotated List of Group Intelligence Tests," Twenty-First Yearbook of the National Society for the Study of Education, Part I. Bloomington, Illinois: Public School Publishing Company, 1922, p. 93-113.
1919-1922; books and periodicals; annotations include such information as number and nature of tests, range or age of grades, time to apply, publisher, price, and references.
566. **Whitney, F. L.** *The Junior College in America*. Greeley: Colorado State Teachers College, 1929, p. 217-19.
Through 1928; books, periodicals, and theses; twenty-six selected references; annotated.

²³ These are the first three installments of the "most comprehensive bibliography of the field of visual instruction which has as yet been made." The installments will appear serially in consecutive issues of the *Educational Screen* from January to June, 1930.

567. **Whitney, F. L.** "Teacher Demand and Supply in the Public School," Colorado Teachers College Education Series, No. 8. Greeley: Colorado State Teachers College, 1930, p. 138-39.
1921-1929; books, bulletins, theses, and other published material; twenty-six references; a few brief annotations.
568. **Willey, M. M. and Herskorits, M. J.** "Psychology and Culture," Psychological Bulletin, 24:253-83, May, 1927.
1878-1927; books, periodicals, reports, and other published material; 148 references; no annotations, but referred to by number in the review.
569. **Wilson, F. T.** "Learning of Bright and Dull Children," Teachers College, Columbia University Contributions to Education, No. 292. New York: Bureau of Publications, Teachers College, Columbia University, 1928, p. 50-56.
1900-1926; bulletins, periodicals, and theses; thirty-five selected references; elaborate annotations.
570. **Wilson, G. M., et al.** "When Should Formal Arithmetic Begin?" Third Yearbook, Department of Superintendence. Washington: National Education Association, 1925, p. 37-108.
1915-1924; books, periodicals, bulletins, and yearbooks; forty-eight selected studies; full annotations, presenting methods and conclusions.
571. **Wilson, L. N.** "Bibliography of Published Writings," in G. Stanley Hall. New York: G. E. Stechert and Company, 1914, p. 119-44.
1867-1913; books, periodicals, and other published material; 340 titles; no annotations; arranged chronologically.
572. **Windes, E. E.** "Bibliography of Studies in Secondary Education," U. S. Bureau of Education Bulletin, 1927, No. 27. Washington: Government Printing Office, 1927. 30 p.
1925-1927; reports of schools of education, state departments of education, educational organizations and foundations, and publications received by the U. S. Bureau of Education during the period; brief annotations; general (administration, aims and objectives, buildings and equipment), curriculum, the high-school principal, schools, tests, etc.
573. **Windes, E. E. and Greenleaf, W. J.** "Bibliography of Secondary Education Research, 1920-1925," U. S. Bureau of Education Bulletin, 1926, No. 2. Washington: Government Printing Office, 1926. 95 p.
1920-1925; books, periodicals, other published material, and unpublished manuscripts; brief but inclusive annotations; classified as administration, curriculum, examinations, finance and costs, guidance, instruction, relation of secondary and higher schools, teachers, tests, etc.
574. **Wine, C. I.** "Bibliography in the Teaching of Literature in High School," Virginia Teacher, 6:234-38, October, 1925.
No dates given; books, periodicals, and other published material; selected; no annotations.
575. **Winslow, L. L., et al.** "Studies in Drawing and Art Appreciation," Third Yearbook, Department of Superintendence. Washington: National Education Association, 1925, p. 352-53.
1885-1924; books, periodicals, and bulletins; forty-six selected references; no annotations; preceded by ten detailed reviews of studies on the subject.
576. **Winsor, A. L.** "The Relative Variability of Boys and Girls," Journal of Educational Psychology, 18:334-36, May, 1927.
1897-1922; books and periodicals; forty-nine references; no annotations.

577. **Wolcott, J. D.** "Bibliography of Research Studies in Education, 1926-1927," U. S. Bureau of Education Bulletin, 1928, No. 22. Washington: Government Printing Office, 1929. 162 p.
1926-1927; periodicals, theses, reports, and other published material; 1,540 items; annotated; classified as educational history, biography, theory and practice psychology, sociology, measurements, special subjects of the curriculum, education extension, etc.
578. **Wolcott, J. D.** "Bibliography on Rural-School Supervision," Twelfth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1913, p. 111-14.
1904-1912; books, periodicals, and bulletins; thirty-nine references; brief annotations.
579. **Wolcott, J. D.**²⁴ "List of References on Higher Education," U. S. Bureau of Education Library Leaflet, No. 35. Washington: Government Printing Office, 1927. 40 p.
1887-1927; books, periodicals, proceedings, reports, and publications of the Bureau of Education; comprehensive; very brief annotations; includes history, administration, teachers, curricula, educational and vocational guidance, coeducation, tests and measurements, research and graduate work, university extension, international aspects of higher education, etc.
580. **Wolcott, J. D., et al.**²⁵ "List of References on Secondary Education," U. S. Bureau of Education Library Leaflet, No. 34. Washington: Government Printing Office, 1927. 22 p.
1915-1927, mostly since 1920; books, periodicals, and other published material; brief descriptive annotations; classified.
581. **Wood, T. D., et al.** "The Nurse in Education," Ninth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago Press, 1910, p. 72-76.
1898-1910; books, periodicals, bulletins, and other published material; selected; no annotations; classified under: general works, history, organization, and administration; experiences of school nurses; child nursing, etc.
582. **Woodhouse, C. G. and Yeomans, R. F.**²⁶ "Occupations for College Women, A Bibliography," Institute of Women's Professional Relations, Bulletin No. 1. Greensboro: North Carolina College for Women, 1929. 282 p.
1920-1929; books, periodicals, bulletins, and other published material; 1,801 references; many brief annotations; classified under: general studies, agriculture, the arts, business, education, engineering, finance, health, home economics, languages, legal fields, library work, literary fields, museum work, public service, religious work, science, secretarial and organization work, social work, transportation and communication, personnel work in college, some problems of professional women, vocational tests. The publication also lists professional periodicals, professional organizations, and publishers from which material of value to persons interested in the specified occupation may be obtained.
583. **Woodring, M. N.** "A Study of the Quality of English in Latin Translations," Teachers College, Columbia University Contributions

²⁴ An earlier list of references on higher education was issued by the U. S. Bureau of Education as *Library Leaflet*, 1924, No. 28.

²⁵ A list of references on secondary education in the United States is issued by the U. S. Bureau of Education as *Library Leaflet*, 1923, No. 22.

²⁶ On February 1, 1930, a supplementary list was issued bringing the bibliography down to December 31, 1929. And each successive February such a supplement will be ready. These may be obtained by writing to the institute.

to Education, No. 187. New York: Bureau of Publications, Teachers College, Columbia University, 1925, p. 82-84.

1910-1924; books, periodicals, theses, and other published material; forty-six references; no annotations.

584. **Woodring, M. N. and Flemming, C. W.**²⁷ "A Partial Bibliography on Study," *Teachers College Record*, 29:417-44, February, 1928.

1918-1927; books, periodicals, and yearbooks; 144 references; annotated.

585. **Woody, Thomas.** *A History of Women's Education in the United States*, Vol. 2. New York: Science Press, 1929, p. 481-589.

To 1929; books, periodicals, bulletins, and other published material; about three thousand references; no annotations; classified under types of sources.

586. **Wooley, P. V.** *A Guide to Woodworking Projects*. Peoria, Illinois: Manual Arts Press, 1926. 96 p.

1897-1926; books; 118 references; no annotations; lists of woodworking projects found in the form of drawings and descriptive material. A key serves as the bibliographical identification of the books.

587. **Wright, E. A.**²⁸ "Bibliography of Research Studies in Education, 1927-1928," *U. S. Office of Education Bulletin*, 1929, No. 36. Washington: Government Printing Office, 1930. 225 p.

1927-1928; books, periodicals, bulletins, and other published material; 2,403 titles; many annotations; extensively classified.

588. **Wright, E. A.**²⁹ "List of Bulletins of the Bureau of Education, 1906-22," *U. S. Bureau of Education Bulletin*, 1923, No. 35. Washington: Government Printing Office, 1923. 52 p.

1906-1922; bulletins; no annotations; classified by year; indexed by author, title, and subject.

589. **Wright, W. W.** "The Development and Use of a Composite Achievement Test," *Indiana University, School of Education Bulletin*, Vol. 5, No. 3. Bloomington: Bureau of Coöperative Research, Indiana University, 1929, p. 84-86.

1914-1928; books, periodicals, theses, and other published material; forty-six references; no annotations.

590. **Wylie, Margaret.** "An Experimental Study of Recognition and Recall in Abnormal Mental Cases," *Psychological Monographs*, Vol. 39, No. 4. Princeton, New Jersey: Psychological Review Company, 1930, p. 80-81.

1896-1926; books, periodicals, monographs, and other published material; thirty-two references; no annotations; referred to by number in the study.

²⁷ The references contained in this bibliography were summarized in *Teachers College Record*, 28:527-49, 605-17; March and April, 1928.

²⁸ The Bureau of Education in September, 1927, began collecting and disseminating information concerning all investigations in education. The bibliography here is the second one to be printed. The first was issued as *Bulletin*, 1928, No. 22, "Bibliography of Research Studies in Education, 1926-1927," by J. D. Wolcott.

²⁹ Other indexes to publications of the Bureau of Education which may be found useful are the following:

- (1) Index to the Reports of the Commission of Education, 1867-1907 (*Bulletin*, 1909, No. 7).
- (2) List of publications of the U. S. Bureau of Education, 1867-1907 (*Bulletin*, 1908, No. 2).
- (3) List of publications of the U. S. Bureau of Education, 1867-1910 (*Bulletin*, 1910, No. 3).
- (4) List of publications of the U. S. Bureau of Education, available for free distribution September, 1912 (*Bulletin*, 1912, No. 25).

591. **Wynne, J. P.** *Principles of Educational Method.* New York: Globe Book Company, 1928, p. 265-75.
1858-1926; books, periodicals, bulletins, and other published material; 168 references; no annotations.
592. **Yakel, Ralph.** "The Legal Control of the Administration of Public School Expenditures," *Teachers College, Columbia University Contributions to Education*, No. 388. New York: Bureau of Publications, Teachers College, Columbia University, 1929, p. 160-67.
1901-1929; books, periodicals, bulletins, and other published material; selected; no annotations; classified under selected bibliography and bibliographies; subclassified under bibliographies into legal, public administration, educational administration, and sources of legal material.
593. **Yeager, W. A.** *State Certification as a Factor in the Training of Elementary Teachers-in-Service.* Philadelphia: University of Pennsylvania, 1929, p. 330-32.
1886-1928; books, periodicals, and other published material; sixty-three references; no annotations.
594. **Yoakam, G. A.** "An Evaluation of After-Testing Work, with Bibliography," *Second Yearbook, Department of Elementary School Principals.* Washington: National Education Association, 1923, p. 437-42.
1916-1923; books, periodicals, bulletins, and yearbooks; seventy-five selected references; very brief annotations; classified.
595. **Young, Donald.** "Selected References on Modern Social Problems," *Historical Outlook*, 18:337-42, November, 1927.
— 1927; books and other published material; extensive; brief annotations; classified.
596. **Young, Kimball.** "The Field of Social Psychology," *Psychological Bulletin*, 24:661-91, December, 1927.
1924-1927; books, periodicals, and bulletins; 279 selected references; summarized on pages 661-79.
597. **Young, Kimball.** "Personality Studies," *American Journal of Sociology*, 32:962-71, May, 1927.
1916-1927; books, periodicals, and other published material; 189 selected titles; referred to by number and summarized under various topics on pages 953-61.
598. **Young, Kimball and Lawrence, R. D.** "Bibliography on Censorship and Propaganda," *University of Oregon Publication, Journalism Series, Vol. 1, No. 1.* Eugene: University of Oregon, 1928. 133 p.
Apparently to 1928; books, periodicals, and other published material; selected and extensive; short annotations are included for many items; classified under censorship and propaganda.
599. **Young, P. C.** "A General Review of the Literature on Hypnotism," *Psychological Bulletin*, 24:540-60, September, 1927.
1900-1926; books, periodicals, and other published material; 191 references; referred to in the review.
600. **Zerbe, J. L.** "Personal Judgments as a Factor in Grading," *School Science and Mathematics*, 18:414-17, May, 1918.
1888-1918; periodicals and bulletins; one hundred references; no annotations.

601. Zorbaugh, Harvey. "Educational Sociology," *American Journal of Sociology*, 33:449-54, November, 1927.

1896-1927; books, periodicals, and bulletins; 112 references; no annotations; summarized on pages 444-49 under socializing the curriculum, school as a social group, child as a personality, social measurements, etc.

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